

# MII

## **Users Association of America**

c/o Gady-McGrath International • 8580 Cinderbed Rd. Ste 1000 • Newington, VA 22122  
(800) 966-1030 • (703) 339-8500 • Fax (703) 339-0764



# MII Playback

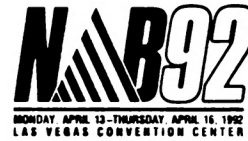
Monthly Newsletter of the MII Users Association of America

March 1992

Vol. 1, No. 12

### *Inside this issue...*

MII Users Activities @ NAB '92  
The MII Dude  
Trading Post  
Membership Listing (over 500 members strong!)  
And a Whole Lot More...



MII Users Association of America  
c/o GMG International Inc.  
8580 Cinderbed Rd, Suite 1000  
Newington, VA 22122



# Commentary from the Executive Director

## LAST MINUTE NAB NOTES

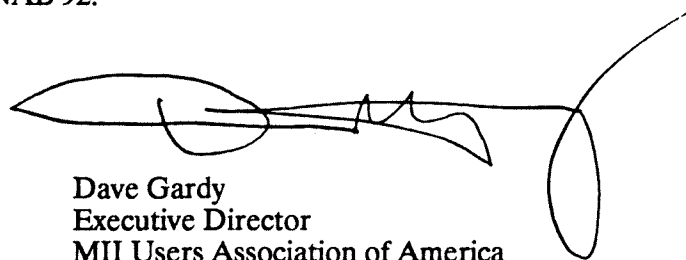
### NAB MII Users Hotline

In an effort to make the association's presence at NAB an effective service to those members who cannot attend, we have established an NAB Users Hotline. The number will be (702) 791-9168. If for some reason this number doesn't work, call (800)966-1030 to find out how to get in touch with us. This hotline phone will be located in the MII Users Association Booth (Booth 15685) on the convention floor at NAB. It will be operational during the period of April 13-16, 1992 during show hours (9am-6pm Apr 13-15, 9am-2pm Apr 16). This number will be available to allow users to call in with questions for Panasonic Representatives, the Association leadership or for information on the new MII line of equipment which will debut at this year's show. If users require information from other equipment or system manufacturers regarding MII interfaces, etc, we will be more than happy to forward questions and messages to those representatives at the show. Those attending are also encouraged to utilize the number to keep up to date on User Association Activities at the show.

### NAB MII Users Question Forms

For the MII Users Meeting on Tuesday, April 14, 1992, (Palace Station Hotel, Roundhouse Ballroom) We will hold an extensive Question and Answer period with the Panasonic Representatives. A Question form is provided in this newsletter that can be faxed to Association Headquarters, fax number (703) 339-0764 up until Friday April 10, 1992. We will present these question forms to the Panasonic Representatives at the meeting and minutes from the responses will be provided in the next newsletter. Anonymous entries are welcome, however, if you have a real problem, the Panasonic representatives may want to contact you directly to respond. Please keep this in mind.

In the April newsletter, we will report in depth on User Association activities at the Convention, the results that were achieved and new MII product information which was disseminated. We will also talk about the upcoming year. We thank you for your continued participation and support and look forward to a productive NAB'92.



Dave Gardy  
Executive Director  
MII Users Association of America

*Editors note:* You can reach the association at (800)966-1030, (703)339-8500, fax (703) 339-0764 or by mail: MII Users Association of America, c/o Gardy-McGrath Int'l Inc., 8580 Cinderbed Rd, Suite 1000, Newington, VA 22122

# SEE "MULTI-MAN" LIVE!

at

**NAB92**

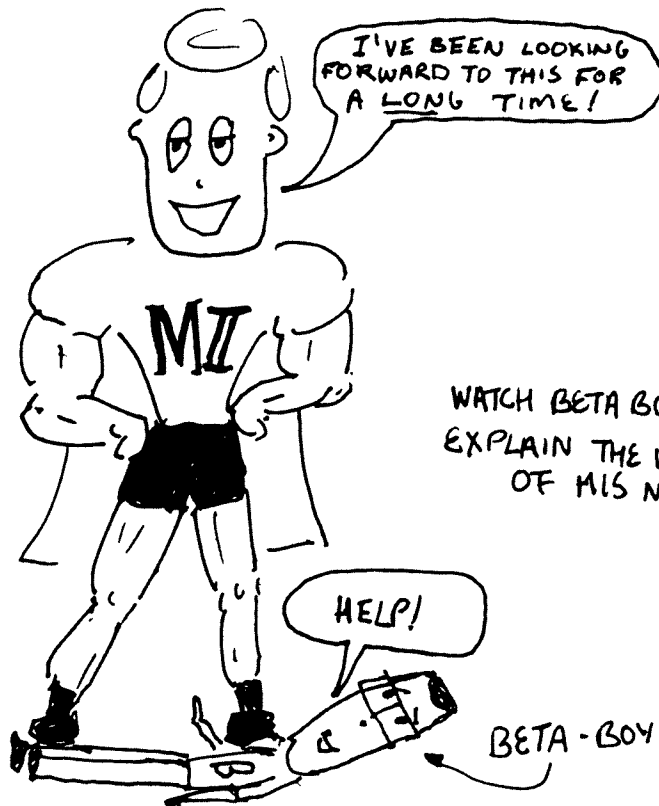
MONDAY, APRIL 13 - THURSDAY, APRIL 16, 1992  
LAS VEGAS CONVENTION CENTER

BOOTH \*15685

(TIMES TO BE ANNOUNCED)  
CALL (702) 791-9168 DURING  
THE SHOW, FOR MORE INFO!

"WATCH SONY-ONLY'S"  
SHRIVEL AT HIS VERY SITE!

WATCH THE ARMY OF  
DEVOTED USERS HE LEADS  
STUN ANY DOUBTING  
INDUSTRY PUNDIT LEFT  
INTO BELIEVING THAT  
MTL IS THE PREMIER  
HIGH-END FORMAT



WATCH BETA BOY TRY TO  
EXPLAIN THE INADEQUACIES  
OF HIS NEW FORMAT!

## News Briefs

### Fort Collins, Colorado

West to Santa Fe - Vol. I "Overview" has won a bronze Telly. This tape is one in a projected series of four. Produced by Mike Koury, Optical Audio Productions and directed by Stewart Jacoby, Jacoby Productions, for the Old Army Press. It was shot on SVHS (JVC 611) and edited to MII (JVC KRM 820).

Vol. II, "Forts of the Santa Fe Trail", is now going out to reviewers. The series takes the modern traveler (or armchair traveller) to easily accessible sites along the 1,000 mile Santa Fe Trail. Tapes can be purchased at various historic sites along the trail, or by mail from The Old Army Press, PO Box 2243, Ft. Collins, CO 80522. Mike Koury, Optical Audio Productions can be reached at (303) 484-5535.

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### Elmsford, New York

Broadcast Video Productions has produced a series of promotional tapes for the Bahamas Ministry of Tourism. Produced by Rafee Kamaal and directed by Fred Dukes, the productions was done entirely on MII.

Broadcast Video Productions has also been working on 3 projects for Bruno Blenheim, Inc and PC Expo. One is a segment which will air on the American Airlines show "Minding Your Business". Another project is a sales presentation for PC Expo. And lastly, a music video style production to be played at the Jacob Javits Convention Center in various location, including the registration area. Approximately 50,000 people will see this tape during the show. Produced by Jack Miller, directed by Steve Ditlea, production assistance provided by Kim Silver and Robert LePow with Jeffrey Veatch as talent. These productions were shot on MII and Betacam SP and edited to MII. For further information, contact Jack Miller, Broadcast Video Productions (914) 592-4151.

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### Indianapolis, Indiana

Maginity Video Productions' "A Way Of Living" presentation will graphically inform 4th graders across Indiana about what happens on a farm and how agriculture impacts the state's economy. Produced through an advertising agency for the Commissioner of Agriculture (the Lt. Governor), the video--shot and edited on MII--is being distributed to schools statewide. Computer graphics and animation were produced on MII by Jeff McFall at Video Management Systems. For further information on Maginity Video Productions, contact Harry Maginity (317) 547-9727. Video Management Systems can be reached at (317) 639-6163.

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## MII Job Shop

A forum provided to the membership to publicize both employment opportunities and talent availability for MII expertise. If you are interested in offering your MII experience on the open market, or are looking for MII expertise to fill certain positions, we will publish your ad, anonymity protected if requested. Please send all employment opportunities, resume's, adcopy, etc. to the association.

This months offerings are: Help Wanted Experienced MII Editor, must be willing to relocate to the Washington, DC area, salary commensurate with experience. ref. #9202A

Experienced Amiga Graphic Artist, 2-D and 3-D Capability, familiarity with MII desired, must be willing to relocate to the Washington, DC area, salary commensurate with experience. ref. #9202B

Send resumes and sample tapes to the Association, please state which position you are interested in.

*All responses will be kept in strictest confidence.*

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## MII Duplication Facilities

If you are a duplicator, or if your facility does duplication in addition to its other services, and you are an MII User. The Association needs to know about it. We are compiling a listing of MII Duplicators that we'll run regularly in the newsletter. Please contact the Association to be included in the listing.

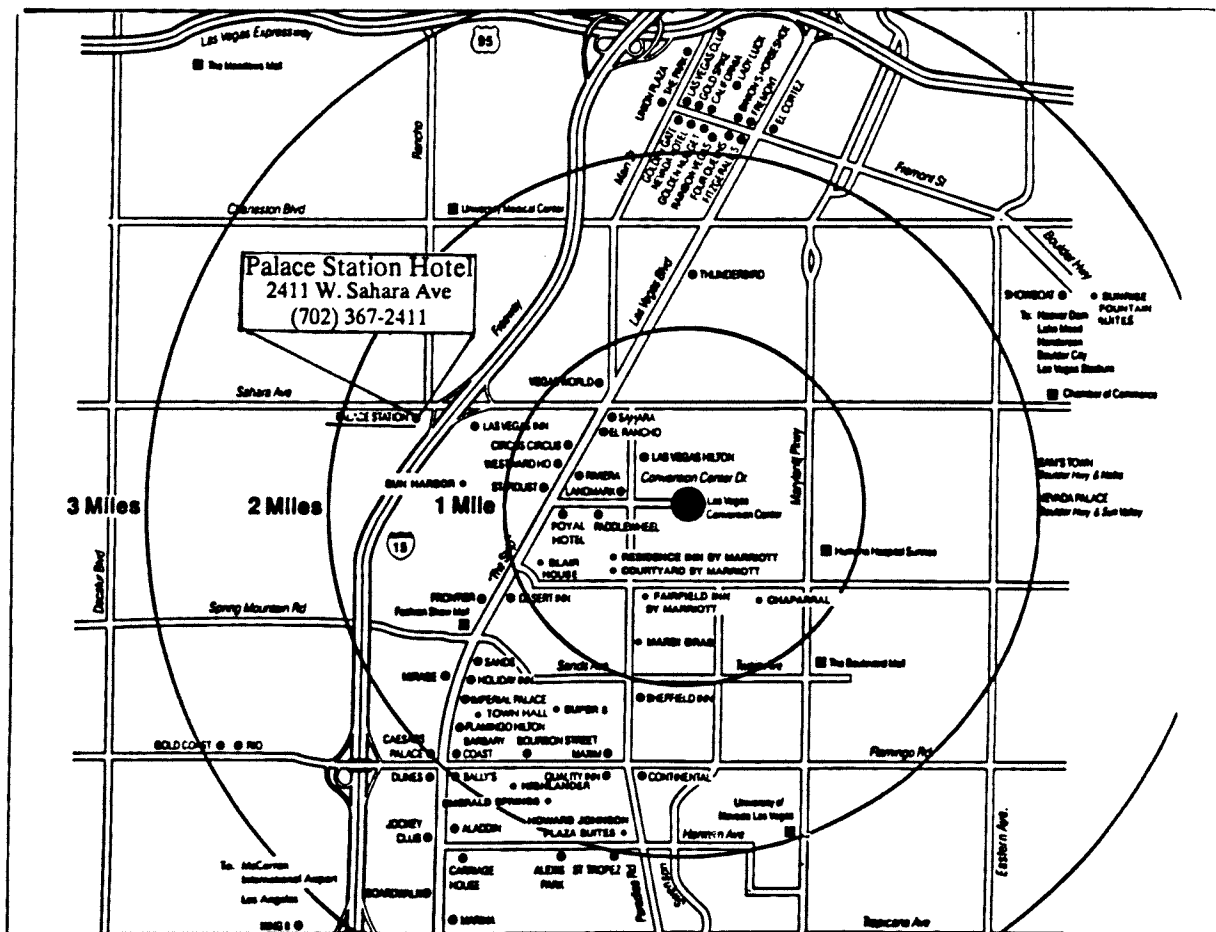
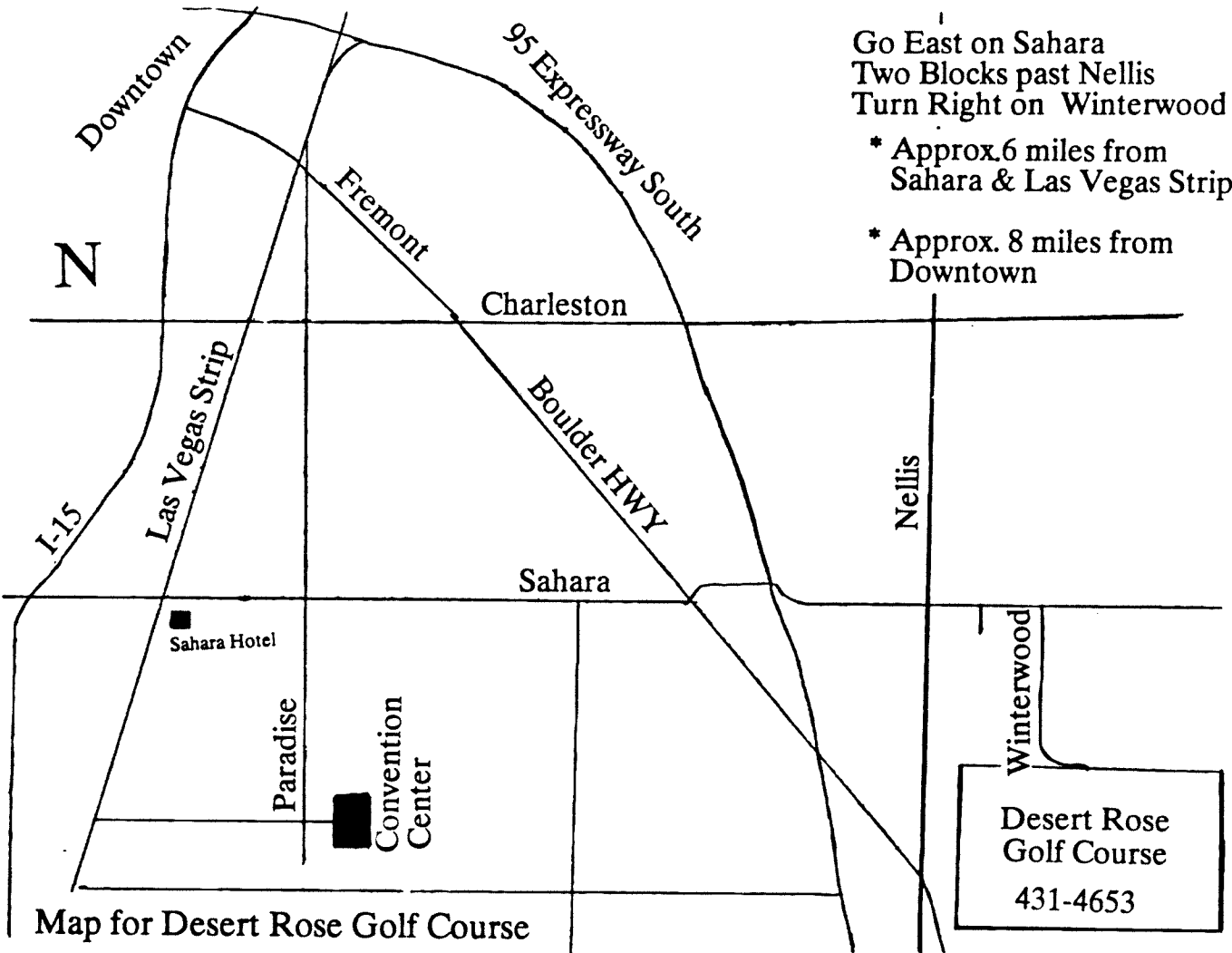
### *Currently our list includes:*

Action Video Productions, Greenville, SC (803)297-8865  
Advanced Audio Video, Denver, CO 800-668-0406  
American Magnetic Media, Denver, CO 800-USA-TAPE  
AME, N.Hollywood, CA 800-336-3827  
CenterCom, Milwaukee, WI (414)353-2001  
Commonwealth Films, Richmond, VA (804)649-8611  
Corymaster Video, Villa Park, IL (708)279-1276  
ECI, Dallas, TX 800-880-9400  
HAVE, Inc., Hudson, NY (518)828-2000  
Global Vision, Reisterstown, MD (301)356-6715  
Industrial Audio Video, Houston, TX (713)535-2375  
Industrial Communications, Birmingham, AL (205)942-0132  
MagneTech, Ft. Lauderdale Fl. 800-683-DUPE  
Media Concepts, St. Petersburg, FL (321)2122  
Multi-Magnetics, Denver, CO (303)825-7768  
Video Duplication, Atlanta, GA 800-235-9732  
Video Duplication Services, Columbus, OH (800)289-4301  
Videoland, Lacey, WA (206) 491-1332  
Video Replay, Chicago, IL (312)461-0425  
Video Transfer, Rockville, MD (301)881-0270  
Wilderness Productions, S. Lake Tahoe, CA (800)874-7488  
in CA (916)577-3008

If your company isn't listed here and should be, please call, Debbie at (800)966-1030.

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*If you have any recent happenings, send us your press release or fill out one of our press release forms, we'll print it in the "MII Playback" and forward the releases to the trade magazines that we deal with. Please mail or fax your information to the association. Fax (703)339-0764  
MII Users Association of America  
c/o GMG International, Inc.  
8580 Cinderbed Rd. Suite 1000  
Newington, VA 22122*



# Technical Corner with The MII DUDE

## Animation Software For The AU-65

### Purpose:

To record single frame (selectable up to 4 frames) edits, without the use of an animation controller.

### Features:

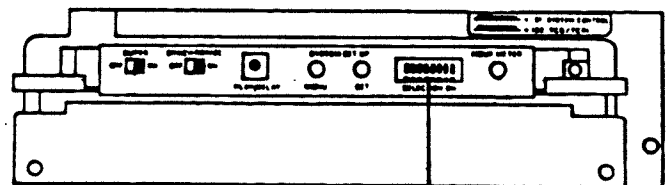
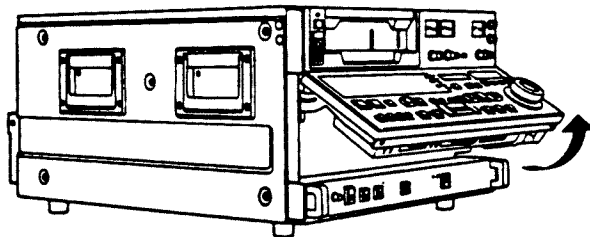
1. Front panel control by pressing the **AUTO EDIT** key.
2. Remote control by triggering **pin 15** of the 50 pin parallel connector with a LOW signal. AU-MK25 is required. (minimum pulse width 100ms)
3. The **IN POINT** is automatically selected from the previous **OUT POINT** without having to press a new **IN POINT** (auto tag)
4. Edit duration is selectable (1-4 frames) by using the "Selection SW" on the front of the SYSCON board.

DIP SWITCH	EDIT LENGTH IN FRAMES			
	1	2	3	4
SW-6	OFF	ON	OFF	ON
SW-7	OFF	OFF	ON	ON

Requirements: Special Syscon E-prom (IC7) #VSI0634F Version <1.6>-1.0

### Set-up:

1. Insert the new E-prom on the Syscon board VEP86088A
2. Set dip switch #8 to **ON**, if switch #8 is off, the unit will function normally.
3. The number of frames to be recorded can be set with switches #6 and #7, according to the table above.



Dip Switches

**Control:** The editing operation can be controlled by two methods:

1. Either a computer or hand held switch can be connected to pin 15 of the 50 pin parallel connector. A low signal will activate the edit, provided "REM1" is selected.
2. Pressing **AUTO EDIT** (without entering an **IN POINT**) and the auto tag function will be activated. The remote switch should be in **LOCAL**.

*For additional information, contact your Panasonic regional Field Application Engineer or your regional service center.*

## MII Dude Continued

**Correction:** In last month's MII Dude column, there was reference made to a firing plate, the correct item is the fixing plate. We apologize for the error.

Be sure to send all your questions and comments for the MII Dude to: MII Users Association of America, c/o GMG Int'l Inc., 8580 Cinderbed Rd. Suite 1000, Newington, VA 22122 or fax them to (703) 339-0764.

## MII is Now available on GSA Schedule

Panasonic is pleased to announce that MII products and accessories are now available to agencies and departments of the U.S. Government under the Panasonic GSA Contract GS-03F-2044A. Government users may receive additional information, including pricing and local MII participating GSA dealers, by contacting the Panasonic Government Marketing Department at 52 West Gude Drive, Rockville, MD 20850. They may be reached by phone at (301) 738-3840 or fax at (301) 738-3856. A complete GSA Schedule price list, which includes MII products, will be printed shortly, and can be obtained from the Panasonic Government Marketing Department.

## Panasonic Offers Leasing and Rental Programs

Panasonic has implemented an innovative leasing program for MII products. The program offers extremely attractive options - rates and lengths of leases - enabling customers to acquire MII equipment with considerable ease. The program is offered through your local Panasonic MII Dealer. Please contact your dealer for further information or call Panasonic at 1(800)524-0864 for the number of your nearest authorized MII dealer.

Panasonic has additionally announced its MII Rental program. This program, too, is offered through its MII Dealers. At MII Users Day (October 1991), the opinion was expressed that MII User Facility Members might wish to participate in this program by offering an attractive discount for post production services to First Time MII Users who avail themselves of the Panasonic Rental offer. Benefits would accrue to both the renting MII user and the participating MII facility. For MII Facilities that wish to participate, please contact Bob Garino at Panasonic (201)348-7978, fax (201)348-7963 or write to him at: Panasonic Broadcast & Television Systems Group, One Panasonic Way, Panazip 4E-7, Secaucus, NJ 07094. It is suggested that your correspondence include a list of post production and duplication services you provide

## MII Users Association Membership Listing Addition

This month we've begun to list whether or not a member has MII equipment or not and if they are Dealers, Suppliers, Manufacturers, etc.. We should note that there are a number of users who don't own equipment, but who have been accepted as association members. This is because our experience has shown us that it is from this group that many of the new MII equipment buyers originate, and they have intimated to us that the fraternity of the association, and the information in the newsletter gave them the confidence and the impetus to make an MII acquisition. Therefore even though these users don't own equipment, many are renting MII equipment or procuring services from MII Users and have great potential to purchase the format in the near future.

It is very important that you take a moment to check your listing for accuracy. If you find that there is an inaccuracy, please contact the association so that we may correct it. We determined who had MII and who didn't have MII based on our records of what we have been told, if there was doubt, the listing reflected "No MII". I am sure that there are some of you who didn't have MII, that might have some now. So, please help us update our information to serve you better. Call us at: (800)966-1030, fax (703) 339-0764, or mail to: MII Users Association of America, c/o GMG Int'l Inc., 8580 Cinderbed Rd, Suite 1000, Newington, VA 22122, Attn: Debbie.

# *MII Trading Post*

**Panasonic AU-650, Studio recorder/editor**, with auto tracking, TBC, TC for slow motion and still, low hours, excellent condition. Best Offer. **JVC KR-M 460U MII Portable**- 3-years old, low hours, excellent condition. Can be used as source in edit configuration. Battery pack, charger-AC, Porta-brace case. Best Offer Contact Tom Kramer (206) 322-6555 8:30-5 PST (WA)

**Panasonic AU-650, MII Studio recorder/editor**, Low hours all updates and documentation included (2 available) call for price and specifics. Unitel Video, Mark Miller (213)878-5800, 9:00am to 6:00 pm Mon-Fri PST (CA).

**Panasonic AU-650, MII Studio recorder/editor**, 200 hours, (2 available), asking \$10,000.00. **Panasonic AU-500, MII Portable**, (1 available) Includes Portabrace, power supply, batteries and some tapes, asking \$5,000.00. Contact David Claybaugh at (513) 738-0880 (OH)

**Panasonic AU-63, MII Studio Player**, Demo, \$10,000.00, **Panasonic AU-65, MII Studio recorder/editor**, Demo, \$10,000.00, **Panasonic AU-60, MII Studio** Low hours with time code, \$10,000.00. Contact Jack Miller at (914) 592-4151 (NY)

**Panasonic AU-65, Studio Recorder/Editor**, \$11,200.00. **Panasonic AU-520, Portable MII** \$9,200.00. **Panasonic AU-63, MII Player w/ AT**, \$11,600.00. **Panasonic AU-410, MII Camera Recorder**, \$7,600.00. **Panasonic AU-S400, VTR Adaptor** for the AU-410 Camera Recorder, \$2,200.00. **Panasonic AU-B110, AC Adaptor**, \$630.00. Demo equipment, all equipment plus shipping. For further information, contact Carter Kaufmann, Professional Products (301) 657-2141 (MD)

**Panasonic AU-500, MII Portable**, less than 100 hours on the heads \$9,000.00. We are selling our entire inventory of video equipment. All items are in excellent condition. Prices are negotiable, many items, used only once. Other equipment available; Sony M-7 camera, \$9,500.00, AG-7400 SVHS recorder \$1,600.00. Accessories are also available, space limitations prevent listing all here. For further information please contact William L. Gosa, Jr. O/(612)736-4815, H/(612)698-3379 (MN)

**JVC KRM820, MII Editor w/TC**. Less than 150 hours-virtually new. Complete with A/B roll edit controller. Will control Sony type 7 or type 9's, as well as Panasonic & JVC MII equipment. Save almost \$5,000.00 - price is \$7,500.00. With a JVC BRS 611 and SAF 911 (parallel to serial converter, TC reader/generator) only \$10,500.00 This combination makes an excellent complete system - just add monitors. Call Mike Koury at (303) 434-5535 (CO)

**JVC KRM260 (91) Dockable MII Deck**, attached to a **JVC KY-25 (91) Camera**. Deck has less than 10 hours, Camera less than 90 hours. Lots of accessories (batteries, Portabrace cover, Adaptors). Please contact Mitch Schaffer, Innisbrook Resort (813)942-2000 ext. 5290 (FL)

**VC KRM800, MII Editor**, Low hours, \$7,000.00 or best offer. Please contact Dan O'Connell for further information. (813)755-9783 (FL)

**Panasonic AG 7500A SVHS Editing Decks**. Special Demo Units, in box, FULL Warranty. \$3,500.00 each, or both for \$6,800.00. New edit controller also available \$1,400.00. MX10 Digital Special Effects Generator w/Tiuler \$900.00. Please contact Tim Dench, (502)239-0229 (KY)

**Panasonic AU-B110, 10 amp/12v power supply**. Brand new, never removed from factory sealed box. From Midwest Comm. liquidation sale. \$790.00 retail, will sell for \$300.00. Contact Russ Beckner, rdb productions, inc. (513) 422-9552 (OH)

**MII Tape - New & Used**, NEW: 2 AU-MPSCL Panasonic cleaning tapes, 15 AU-M20S Panasonic MII 20 min. tapes, 25 AU-MPL30 Panasonic MII 30 min. tapes, 1 Fuji MII 90 min. tape. USED: 2 AU-MPSCL Panasonic MII cleaning tapes, 1 VFM7085EAC Panasonic MII Alignment tape, 2 Panasonic MII 60 min. tapes. For further information please contact Joe Gora, Atlanta Video Production Center, Inc., 404-355-3398.(GA)

Do you have used MII videotape that you don't know what to do with? *Carpel Video buys used MII videotape*, contact them at (800) 238-4300, fax (301) 694-9510.(MD)

**New MII Tape**-Now Magnetech is offering MII Videotape for sale, all lengths, in stock, for further information contact Michael Pardo at MagneTech (305) 791-6711. (FL)

*If you have equipment you would like included in the next Trading Post, please contact us in writing, either by fax or mail at MII Users Association of America, c/o GMG International Inc., 8580 Cinderbed Rd. Suite 1000, Newington, VA 22122, Attn: Debbie. Fax (703) 339-0764. Please contact us when the equipment is sold.*



# MII Users Association of America Membership Listing

## Alabama

AUVID Productions  
Int'l Inc.  
Paul D. Kennamer, Sr.  
PO Box 1933  
Huntsville, AL 35807  
(205) 534-4666  
Have MII

AUVID Productions  
Int'l Inc.  
Nancy Kabajain  
PO Box 1933  
Huntsville, AL 35807  
(205) 534-4666  
Have MII

DCH Regional Medical  
Center  
Larry Parker  
809 University Blvd E.  
Tuscaloosa, AL 35401  
(205) 759-7332  
Have MII

Digital Media Solutions  
Doug Butler  
3626 Clairmont Ave  
Birmingham, AL 35222  
(205) 323-5994  
No MII

Industrial  
Communications Inc  
Mike Cornelius  
PO Box 190201  
Birmingham, AL 35219  
Have MII

Industrial  
Communications Inc.  
Britton Neal  
232 Oxmore Cir  
Birmingham, AL 35209  
Have MII

## Arizona

COVID  
Imre Acsaszar  
1725 W. 17th St.  
Tempe, AZ 85251  
No MII

Del Sol Productions  
Ruben Ruiz  
19 W. Ventura  
Tucson, AZ 85705  
(602) 622-1515  
Have MII

KTVW  
Bruce Sherman  
3019 E Southern Ave  
Phoenix, AZ 85040  
(602) 243-3333  
Have MII

KVOA-TV  
Randall Meston  
209 W. Elm St.  
Tucson, AZ 85705  
(602) 792-2270  
Have MII

Troxell  
James Chalifoux  
4830 S. 38 St.  
Phoenix, AZ 85040  
(800) 352-7912  
Dealer

## Arkansas

5 Star Video  
Randy McFarland  
1112 Garrison Ave  
Ft Smith, AR 72901  
(501) 783-7751  
Have MII

Arkansas Farm Bureau  
Keith Garrison  
PO Box 31  
Little Rock, AR 72203-31  
(501) 228-1488  
No MII

KHOG  
Marvin Macedo  
PO Box 1029  
Fayetteville, AR 72701  
(501) 521-1010  
Have MII

KTHV  
Chuck Weaver  
720 Izard St  
Little Rock, AR 72209  
Have MII

Sigma Broadcasting  
Don Vest  
PO Box 4150  
Ft Smith, AR 72914  
(501) 783-4040  
Have MII

Video Pro Productions  
T Hall  
PO Box 1694  
Pine Bluff, AR 71613  
No MII

## California

ADV Tech  
Thomas Huckle  
8057 Crossbridge Rd  
Dublin, CA 94568  
(415) 833-6031  
Have MII

AME-Bill Messersmith  
1133 N. Hollywood Way  
Burbank, CA 91505  
(818) 841-7440

AME Inc.  
Larry Cohen  
5510 Cleon Ave.  
N.Hollywood, CA 91601  
(800) 336-3827  
Have MII

AME Inc.  
Chip Vierung  
5510 Cleon Ave.  
N.Hollywood, CA 91601  
(800) 336-3827  
Have MII

Audio Lab Electronics  
Ron Stefan  
5831 Rosebud Ln  
Bldg C  
Sacramento, CA 95841  
No MII

Audio Visual  
Richard Farnham  
2300 Gladwick  
Rancho Dominguez, CA  
90220  
No MII

Bay Cable Advertising  
Tom Patrick  
20902 Cabot Blvd  
Hayward, CA 94545  
No MII

BCS  
Wendy Sahyoun  
4525 Valerio St.  
Burbank, CA 91505  
(818) 845-7000  
Supplier

Cal Poly San Luis  
Obispo  
Peter Woodworth  
Audio Visual Services  
Dept.  
San Luis Obispo, CA  
93407  
(805) 756-7197  
Have MII

Capitol Productions  
Steven Schiavone  
9773 Beachwood Dr.  
Orangevale, CA 95662  
No MII

C. E. Heath Co  
Cathy Baker  
4 Embarcadero Ctr,  
Suite 2050  
San Francisco, CA 94111  
(415) 956-5834  
Have MII

Don Brown Productions  
Don Brown  
867 N. Main St  
Orange, CA 92668  
(714) 771-9711  
Have MII

DNF Industries  
Eve Norell  
1032 North Sweetzer  
Ave  
Suite 212  
W. Hollywood, CA  
90069  
(213) 650-5256  
No MII

DSO Productions  
Robert Orban  
2413 Lincoln Ave  
Belmont, CA 94002  
No MII

EIG Video  
Bud Turner  
PO Box 960  
Lucerne Valley, CA  
92356  
No MII

First Light Video  
Publishing  
Andy Romanoff  
8536 Venice Blvd  
Los Angeles, CA 90034  
(310) 558-7880  
No MII

Grass Valley Group  
Don Davis  
P.O. Box 1114,  
Mail Stop N3-2H  
Grass Valley, CA 95945  
(916) 478-3097  
Manuf.

GRC Electronics  
Greg Capelo  
6242 Pearl Lake Ave  
San Diego, CA 92119  
(619) 464-6446  
Repair

Maynard Dennis Grimm  
34476 Colville Pl  
Freemont, CA 94555  
(510) 794-8365  
No MII

IVS, Inc.  
Ray Dunn  
7925 Auburn Blvd  
Citrus Heights, CA  
95610  
(800) 745-6601  
Dealer

Jet Propulsion Lab  
Cory Borst  
4800 Oak Grove Dr.  
Pasadena, CA 91109  
(818) 354-6170  
Have MII

KATZ Inc.  
Rich Borowy  
PO Box 2608  
San Fernando, CA 91393  
(818) 895-8921  
No MII

KCRA  
Dave Williams  
3 Television Cir  
Sacramento, CA 95814-0794  
(916) 444-7300  
Have MII

Kelly News &  
Entertainment  
Jay Rudin  
3 Television Cir  
Sacramento, CA 95814  
Have MII

Kolb Entertainment  
Kenneth Kolb  
14380 Foothill Blvd #26  
Sylmar, CA 91342  
(818) 362-6753  
No MII

KRBK-TV  
Annette Wegesend  
500 Media Pl.  
Sacramento, CA 95815  
(916) 929-0300  
Have MII

KUSI  
Richard Large  
4575 View Ridge Ave  
San Diego, CA 92123  
(619) 571-5151  
Have MII

Ace Kutsuna  
533 21st Pl  
Santa Monica, CA 90402  
No MII

ITD Productions  
Herbert Kellner, Ph.D.  
1561 Madrid Dr  
Vista, CA 92083  
(619) 598-8451  
No MII

Miles Media Corp  
Richard Miles  
4009 Union Ave  
Bakersfield, CA 93305  
No MII

NBC  
Jim Smith  
3000 W. Alameda Ave  
Rm 4359  
Burbank, CA 91523  
(818) 840-4281  
Have MII

NBC  
Mr. Bill Johnston  
3000 W. Alameda Ave  
Burbank, CA 91523  
Have MII

NBC  
Mr. J. Schoedler  
3000 W. Alameda Ave  
Burbank, CA 91523  
Have MII

North American  
Television  
Jim Ren Huang  
10355 E. Rush St  
El Monte, CA 91733  
No MII

Paltex International  
Jim Owen  
2752 Walnut Ave  
Tustin, CA 92680  
(714) 669-8322  
Manuf.

Precious Memories  
Video  
Chuck Hashim  
320 East 18th St.  
Bakersfield, CA 93305  
(805) 324-8947  
No MII

Recatec Inc  
LH Lee  
1290 Lawrence Station  
Rd  
Sunnyvale, CA 94089  
No MII

Stephen Sharp  
15133 Magnolia Blvd #C  
Sherman Oaks, CA  
91403  
No MII

Spot Productions  
Frank Vanella  
5343 Birch Grove Dr.  
San Jose, CA 95123  
(408) 224-1500  
Have MII

Tentel  
Kirk McConnel  
4475 Golden Foothills  
Pkwy  
El Dorado Hills, CA  
95630  
(800) 538-6894  
Manuf.

The Video Production  
Co. of America  
Walter Knox  
4750 Topeka Dr.  
Tarzana, CA 91356  
(818) 343-4896  
No MII

UC B/HIS Broadcasting  
NE Peterson  
8990 Gaddini Rd  
Winters, CA 95694  
No MII

UCLA-Behavioral  
Sciences Media Lab NPI  
Gary Lord  
760 Westwood Plaza  
Los Angeles, CA 90024  
(213) 825-0448  
Have MII

United Media  
Lesley Ricci  
4771 E. Hunter  
Anaheim, CA 92807  
No MII

Unitel Video  
Mark Miller  
3330 Cahuenga Blvd,  
West  
Los Angeles, CA 90068  
(213) 878-5800  
Have MII

Video Proofs  
George Barich  
560 Martin Ave  
Studio D  
Rohnert Park, CA 94928  
(707) 586-0383  
No MII

Wilderness Production  
Mike Conway  
PO Box 10260  
S. Lake Tahoe, CA  
96158  
(916) 577-3008  
Have MII

## Colorado

Advanced Audio Video  
Michael Cassidy  
7700 E. Illiff,  
Suite H  
Denver, CO 80231  
(800) 668-0406  
Have MII

Advanced Audio Video  
A.J. Delizza  
7700 E. Illiff,  
Suite H  
Denver, CO 80231  
(800) 668-0406  
Have MII

<p><b>Advanced Audio Video</b> Jack Hutchinson 7700 E. Illiff, Suite H Denver, CO 80231 (800) 668-0406 Have MII</p>	<p><b>Windstar Studios</b> Dan Lawson 525 Communications Cir. Colorado Springs, CO 80905 (719) 635-0422 Have MII</p>	<p><b>C-SPAN</b> Bill Conover 400 North Capitol Street Suite 650 Washington, DC 20001 (202) 737-3220 Have MII</p>	<p><b>Airtime Design</b> Brooks Reid 6490 SW 113th Miami, FL 33156 (305) 666-0925 Have MII</p>	<p><b>MagneTech</b> Michael Pardo 3941 SW 47th Ave. Ft Lauderdale, FL 33314 1-800-683-DUPE (305) 791-6711 Have MII</p>	<p><b>Videotaping Services Inc</b> Dale Sweet 1911 Manor Circle Dr Winterhaven, FL 33880 Have MII</p>
<p><b>American Magnetic Media</b> Steve Helmick 5580 Havana Unit 6A Denver, CO 80239 (800) USA-TAPE Have MII</p>	<p><b>Windstar Studios</b> Mike Wemple 525 Communications Cir. Colorado Springs, CO 80905 (719) 635-0422 Have MII</p>	<p><b>C-SPAN</b> Tim Masters 400 North Capitol Street Suite 650 Washington, DC 20001 (202) 737-3220 Have MII</p>	<p><b>ASCA</b> Dan Block 2860 Armadillo Tr Titusville, FL 32780 (407) 269-1303 Have MII</p>	<p><b>Mayo Clinic</b> Asa Floyd 4500 San Pablo Rd. Jacksonville, FL 32224 (904) 223-2672 Have MII</p>	<p><b>Vue-Com Inc.</b> Marshall Ham 1126 S Division Ave Orlando, FL 32805 (407) 423-7869 Dealer</p>
<p><b>Davis Audio-Visual, Inc.</b> Howard Goldbaum 2100 Clay St. Denver, CO 80211 Dealer</p>	<p><b>Connecticut</b>  <b>Anton Bauer</b> Michael Malcy 1 Controls Dr. Shelton, CT 06484 (203) 929-1100 Manuf.</p>	<p><b>Department of Veteran Affairs</b> George Brown Communications 810 Vermont Ave, NW Washington, DC 20420 No MII</p>	<p><b>Audio Visual Inovations</b> Ron Lyman 6313 Benjamin Rd. Tampa, FL 33634 Dealer</p>	<p><b>Mayo Clinic</b> Bill Wimsatt 4500 San Pablo Rd. Jacksonville, FL 32224 (904) 223-2008 Have MII</p>	<p><b>WDZL</b> Bob Castillo 2055 Lee St. Hollywood, FL 33020 (305) 925-3939 Have MII</p>
<p><b>Davis Audio-Visual, Inc.</b> Peter Blaney 19 West La Vages Colorado Springs, CO 80903 Dealer</p>	<p><b>Insight</b> Tom Carroll 288 Fallow St Norwalk, CT 06850 (203) 853-1115</p>	<p><b>House Recording Studios</b> Rick VanWinkle B310 Rayburn Building Washington, DC 20515 (202) 225-3941 Have MII</p>	<p><b>Bassin Distributing</b> Jim Dichito 15959 NW 15th Ave Miami, FL 33169 (800) 329-7664 Supplier</p>	<p><b>Medfo, Inc.</b> John P. Lenhart, MD 6110 9th St. N. St Petersburg, FL 33703 (813) 521-4130 Have MII</p>	<p><b>WFLA</b> Mike Healy 905 E Jackson St Tampa, FL 33614 (813) 228-8888 Have MII</p>
<p><b>KCD</b> Ted Chavez 9952 Eastman Park Dr. Windsor, CO 80551 (303) 686-4640 Have MII</p>	<p><b>Quinnipiac College</b> Bruce Carpenter Mt Carmec Ave Hamdem, CT 06518 No MII</p>	<p><b>Jubilee Ministries</b> David Welsh 1640 Columbia Rd., NW Washington, DC 20009 (202) 328-1102 No MII</p>	<p><b>Blue Mango Productions</b> Ed Reinhardt 1513 Wiley St Hollywood, FL 33020 (305) 921-0079 No MII</p>	<p><b>Medfo, Inc.</b> Dennis McDougall 6110 9th St. N. St Petersburg, FL 33703 (813) 521-4130 Have MII</p>	<p><b>WFTS</b> Luis Romero 4501 E Columbus Dr Tampa, FL 33605 (813) 623-2828 Have MII</p>
<p><b>KCNC-TV</b> David Layne 1044 Lincoln St Denver, CO 80203 (303) 830-6426 Have MII</p>	<p><b>TRV Fastcam Sports TV Production</b> Bruce Edwards PO Box 52 West Mystic, CT 06388 (203) 572-8220 Have MII</p>	<p><b>Mediasource, Inc.</b> Bill Parks 2121 Wisconsin Ave., N.W. Suite 64 Washington, DC 20007 (202) 298-8100 Supplier</p>	<p><b>CBF Media Centre</b> Bob Bernhardt 3400 Raleigh St Hollywood, FL 33021 Have MII</p>	<p><b>Media Concepts</b> Bob Skidmore 559 49th Street South St. Petersburg, FL 33707 (813) 321-2122 Dealer</p>	<p><b>WFTS</b> Jean Varn 4501 E Columbus Dr Tampa, FL 33605 (813) 623-2828 Have MII</p>
<p><b>KCNC-TV</b> Larry Ries 1044 Lincoln St Denver, CO 80203 (303) 830-6341 Have MII</p>	<p><b>WTXX-TV</b> Fred Tullock 37 Peach Orchard Rd Prospect, CT 06712 (203) 575-2020x250 Have MII</p>	<p><b>Minority Training Center</b> Richard Ray 1407 K Street, NW Washington, DC 20005 (202) 371-1444 No MII</p>	<p><b>Composite Video Service</b> Bill Costello 11100 66th St.N. Suite 27 Largo, FL 34643 (813) 546-6407 Have MII</p>	<p><b>Multi Image Group</b> Jim Ballentine 1080 Holland Drive Boca Raton, FL 33487 (800) 523-2682 Supplier</p>	<p><b>WPTV</b> Edward J. Roos P.O. Box 510 Palm Beach, FL 33480 (407) 655-5455 Have MII</p>
<p><b>KCNC-TV</b> Don Sturgesleski 1044 Lincoln St Denver, CO 80203 (303) 830-6313 Have MII</p>	<p><b>District of Columbia</b>  <b>Anacostia H.S.</b> Fred Atarod, RM 228 16th &amp; R St., SE Washington, DC 20020 No MII</p>	<p><b>Organization of American States</b> TV Unit Gabriel Gross 17th &amp; Constitution Avenues Washington, DC 20006 (202) 458-3985 No MII</p>	<p><b>Channel 20</b> Scott Monaghan 215 N. Olive Ave, Suite 100 West Palm Beach, FL 33402 (407) 355-4239 Have MII</p>	<p><b>Sakolsky Productions</b> Kerry Sakolsky 700 Biltmore Way, Suite 1202 Coral Gables, FL 33134 (305) 441-1935 Have MII</p>	<p><b>Atlanta Video Production Center</b> Joseph Gora 1570 Northside Dr. NW 240 Atlanta, GA 30318 (404) 355-3398 Have MII</p>
<p><b>Martin Marrietta</b> Jim Pirtle Falcon AFB Colorado Springs, CO 80912 (919) 380-2552 Have MII</p>	<p><b>C-SPAN</b> Brian Lockman 444 North Capitol Street Suite 412 Washington, DC 20001 (202) 737-3220 Have MII</p>	<p><b>The Media Group</b> Andrea Stelter 1118 22nd St., NW Washington, DC 20037 (202) 833-4461 No MII</p>	<p><b>Continental Cablevision</b> Alan Tomasetti 141 N.W. 16th St Pompano Beach, FL 33060 (305) 946-7011 Have MII</p>	<p><b>Uptown Productions</b> AJ Machada 14413 SW 46 Ter Miami, FL 33175 No MII</p>	<p><b>IBM</b> Tommy Lee 3100 Windy Hill Rd. Internal Zip WE1C1 Marietta, GA 30067 (404) 835-3492 Have MII</p>
<p><b>Multi-Magnetics, Inc.</b> John Simon 1020 15th St. #20E Denver, CO 80202 (303) 825-7768 Have MII</p>	<p><b>C-SPAN</b> Dave Roycraft 400 North Capitol Street Suite 650 Washington, DC 20001 (202) 626-7991 Have MII</p>	<p><b>WRC</b> Harris Sullivan 4001 Nebraska Avenue Washington, DC 20016 (202) 885-4133 Have MII</p>	<p><b>Encore</b> Steve Mashburn 1252 E. Hilsborough Ave Tampa, FL 33604 (813) 669-8332 Supplier</p>	<p><b>U.S. Air Force Wright Laboratory WL/MNGI</b> Don Snyder Eglin AFB, FL 32542 (904) 882-9911 No MII</p>	<p><b>IBM</b> Victoria Pendleton 3100 Windy Hill Rd. Internal Zip WE1C1 Marietta, GA 30067 Have MII</p>
<p><b>Optical Audio Productions</b> Mike Koury P.O. Box 2243 Fort Collins, CO 80522 (303) 484-5535 Have MII</p>	<p><b>C-SPAN</b> Tim Dombro 400 North Capitol Street Suite 650 Washington, DC 20001 (202) 737-3220 Have MII</p>	<p><b>Florida</b>  <b>AAACHEN Productions</b> George Phelps 11261 S.W. 177th St. Miami, FL 33157 (305) 255-9563 Have MII</p>	<p><b>Lakeland Regional Medical Center</b> Education Dept. Ryan Lee 1324 Lakeland Hills Blvd. Lakeland, FL 33805 (813) 687-1127 Have MII</p>	<p><b>Valencia College</b> Jim Barber Film Technology Program, Mail Stop 3-2 701 N. Econlockhatchee Trail Orlando, FL 32825 (407) 299-5000 x2415 Have MII</p>	<p><b>Lewis Broadcasting Co.</b> Wallace Tidwell PO Box 61268 Savannah, GA 31420 (912) 925-0022 No MII</p>
<p><b>VU Videos</b> Eric Wheeler 1420 Blake Street Denver, CO 80202 (800) 637-4336 Supplier</p>			<p><b>Videocam Export Co.</b> Juan Carlos Carrillo 4200 NW 3 City #239 Plantation, FL 33317 (305) 797-4911 Have MII</p>	<p><b>Lithonia Lighting</b> Mike Rogers Video Communications 1400 Lester Rd Conyers, GA 30207 (404) 922-9000 x2517 Have MII</p>	

<b>National Video Exposure</b> Clyde Land 5100 Kerry Dr. Atlanta, GA 30331 (404) 344-1551 Have MII	<b>Illinois</b>  3M Tape Sales Dave Rahmlow 908 N. Elm St. Hinsdale, IL 60521 (800) 942-3961 Manuf.	<b>Millikin University</b> Ronnie Dean 1184 W. Main Decatur, IL 62522 (217) 424-6254 Have MII	<b>WICD-TV</b> David Boyer 250 Country Fair Dr. Champaign, IL 61821 (217) 351-8500 Have MII	<b>WTTV</b> Fred Baumgartner 3490 Bluff Road Indianapolis, IN 46202 (317) 787-2211 Have MII	<b>Kentucky</b>  Dench Video Services, Inc. Tim Dench 9141 Bardstown Rd. Louisville, KY 40291 (502) 239-0229 No MII
<b>Savannah College of Art &amp; Design</b> Ralph Gnann 235 Haversham St. Savannah, GA 31402 (912) 238-2407 No MII	<b>Bible Students Publications</b> George Tabac 900 Brentwood Bensenville, IL 60106 (708) 595-0984 Have MII	<b>NBC</b> Mr. T. Powers 454 N. Columbus Dr Chicago, IL 60611 Have MII	<b>WTVO</b> Al Petzke 1917 N Meridian Rd Rockford, IL 61105 (815) 963-5413 Have MII	<b>Iowa</b>  American Heritage Cable Brian Sawyer 1729 McPherson Ave Council Bluffs, IA 51503 (712) 328-7207 Have MII	<b>S &amp; W Productions</b> Tom Prigge 459 Broyles Ave Paducah, KY 42003 (502) 554-3057 Have MII
<b>Strickland Video &amp; Film Support</b> John Strickland 2972 Chipmonk Trail Marietta, GA 30067 (404) 988-0803 Have MII	<b>Bloomquist &amp; Associates, Inc</b> Dick Bloomquist 828 N. Addison Ave Elmhurst, IL 60126 (708) 530-4077 Have MII	<b>Norwest Communications, Inc.</b> Mark Karney 123 S. Hough St. Barrington, IL 60010 (708) 381-3271 Have MII	<b>Indiana</b>  Ball State University Bill Cahoe University Media Services Muncie, IN 47306 (317) 285-1487 Have MII	<b>Iowa State University</b> Denny Goodrich Media Production Unit Exhibit Hall S Ames, IA 50011 (515) 294-2316 Have MII	<b>S &amp; W Productions</b> Terry Schmitt 459 Broyles Ave Paducah, KY 42003 (502) 554-3057 Have MII
<b>TVF Productions</b> John Salter 1612 N. Oak St. Valdosta, GA 31602 (912) 244-9597 No MII	<b>Business TV Associates</b> Mark Hewitson RR 1, Box 71 McLean, IL 61754 (309) 874-2908 Have MII	<b>Provid Supply</b> Regina Szpak 896 Webster Ln Desplaines, IL 60016 (708) 299-7832 Supplier	<b>Ball State University</b> Jim Scott University Media Services Muncie, IN 47306 (317) 285-1487 Have MII	<b>Iowa State University</b> Jim Twetten Media Production Unit Exhibit Hall S Ames, IA 50011 (515) 294-2316 Have MII	<b>WPSD-Engineering Dept.</b> Jim Franklin P.O. Box 1197 Paducah, KY 42002-1197 (502) 442-8214 Have MII
<b>Video Duplication</b> David Heslin 3095 Presidential Dr. Ste F Atlanta, GA 30340 (800) 235-9732 Have MII	<b>Center Video</b> Rex Balz 5615 W. Howard Street Niles, IL 60648 (800) 621-4354 Supplier	<b>Southern Illinois University</b> John Kautzer Campus Box 1775 Edwardsville, IL 62026 (618) 692-2230 Have MII	<b>Ball State University</b> Chris Weyers BC#179 Muncie, IN 47304 (317) 285-8185 Have MII	<b>Kirkwood Community College</b> Joe Taylor 6301 Kirkwood Blvd SW Cedar Rapids, IA 52406 (319) 398-5620 Have MII	<b>Louisiana</b>  New Orleans Convention Center Mike Blohm-Technical Services 900 Convention Center Blvd New Orleans, LA 70130 (504) 582-3062 No MII
<b>Video Supply Sales Co.</b> Mark Radford 3440 Oakcliff Rd. Suite 112 Atlanta, GA 30340 (404) 458-2468 Dealer	<b>Copymaster Video</b> Larry Stengren 711 E. Fairfield Ave. Villa Park, IL 60181 (708) 279-1276 Have MII	<b>The Orenda Group</b> Jim Riemersma 9848 South Winchester Ave Chicago, IL 60643 (312) 238-3578 Have MII	<b>Maginity Video Productions</b> Harry Maginity 4330 Forrest Manor Ave Indianapolis, IN 46226 Have MII	<b>Pratt Audio Visual &amp; Video Corp.</b> Cynthia Egger 200 Third Ave. SW Cedar Rapids, IA 52404 (319) 363-8144 Dealer	<b>Vidox</b> Chris Allain 1223 St. John Lafayette, LA 70506 (318) 237-1700 Have MII
<b>Videotography Inc</b> Damon Smith PO Box 8263 Savannah, GA 31412 No MII	<b>Ed Janik Productions</b> Ed Janik RR 2, Box 94C Pleasant Plains, IL 62677 (217) 626-1976 Have MII	<b>Three Angels Broadcasting Network</b> Doug Garica PO Box 220 West Frankfort, IL 62896 (618) 627-4651 Have MII	<b>Sho-n-Tell</b> Rollie Bunce 8241 Milhouse Rd Indianapolis, IN 46241 (317) 856-5418 No MII	<b>Kansas</b>  First Generation Video Wink Friesen 1802 N. Plum Hutchinson, KS 67502 (316) 662-9262 No MII	<b>World Christian Church</b> Leslie Johnson Film Dept. #1808 Hwy 59 Mandeville, LA 70448-4000 No MII
<b>Hawaii</b>  Hot Shot Productions Jim Abell PO Box 1297 Kapa, HI 96746 No MII	<b>Illinois Central College</b> Tom Boyer 1 College Drive East Peoria, IL 61635 Have MII	<b>Video FX</b> Stuart Soifer 400 Jefferson Ct Wheeling, IL 60090 No MII	<b>Versatile Video Services, Inc.</b> Terry Burke P.O. Box 333 Yorktown, IN 47396 (317) 759-4747 No MII	<b>KSAS-TV</b> David Bird 316 N. West St. Wichita, KS 67203 (316) 942-2424 No MII	<b>Maine</b>  James Waligora 3555 N. Raymond Rd Poland Spring, ME 04274 No MII
<b>Video Concepts</b> Bob Ramacher 535 Lipoa Pkwy Kihei, Maui, HI 96753 (808) 879-1329 Have MII	<b>JRC Productions</b> Rob Aiello 528 Northlake St Aurora, IL 60506 (708) 896-4250 Have MII	<b>Video Production Group</b> Mark Wilder 511 Court St Pekin, IL 61554 (309) 353-6158 Have MII	<b>Video Management Systems</b> Dan Hall 1004 E. Washington Street Indianapolis, IN 46202 (317) 639-6163 Have MII	<b>Majec Video Productions</b> Jordan Gershon 9275 Flint St Overland Park, KS 66214 (913) 894-1188 Have MII	<b>Maryland</b>  AVA Productions Dick Slade 1412 Northcrest Drive Silver Spring, MD 20904 (301) 384-9595 Have MII
<b>Video Concepts</b> Kevin Harrington 535 Lipoa Pkwy Kihei, Maui, HI 96753 (808) 879-1329 Have MII	<b>Kemper National Insurance</b> Bill Demarco Kemper TV Studios F-3 Rt. 22 & Kemper Dr. Long Grove, IL 60049 (708) 540-4449 Have MII	<b>Video Replay</b> Ron Norinsky 118 West Grand Ave. Chicago, IL 60610 (312) 822-0221 Have MII	<b>Video Management Systems</b> Jeff McFall 1004 E. Washington Street Indianapolis, IN 46202 (317) 639-6163 Have MII	<b>Smokey Hills Public TV</b> Lloyd Mintzmeyer PO Box 9 Bunker Hill, KS 67626 (913) 483-6990 Have MII	<b>Bell Atlantic</b> Tom Erdely 801 Roeder Road Silver Spring, MD 20910 (301) 565-8663 Have MII
<b>Idaho</b>  KTRV Brian Royster 679 6th St Nampa, ID 83651 (208) 466-1200 Have MII	<b>Little Fort Media</b> Weldon Johnson 113-115 N Genesee Waukegan, IL 60085 (708) 244-9666 Have MII	<b>Video-Tech Production</b> Alan Thursby P.O. Box 2251 1602 Melrose Ct. Decatur, IL 62526 (217) 877-9422 Have MII	<b>WFFT-TV</b> Mac McShane 3707 Hillegas RD Ft. Wayne, IN 46808 (219) 424-5555 Have MII	<b>University of Kansas</b> Brian Powell Athletic Dept.-Football Allen Fieldhouse Lawrence, KS 66045 Have MII	

<b>Carpel Video</b> Andy Carpel 429 E. Patrick St Frederick, MD 21701 (800) 238-4300 supplier	<b>Prince Georges Co.</b> Public Schools Scott Schiller 8437 Landover Road Landover, MD 20785 Have MII	<b>Video Transfer, Inc.</b> Ernie Aschenbach 5709 Arundel Ave. Rockville, MD 20852 (301) 881-0270 Have MII	<b>Plainsong Productions</b> Ben Achtenberg 47 Halifax Street Jamaica Plain, MA 02130 (617) 524-0980 No MII	<b>University of Michigan,</b> METN Jerry McCarty RM 1020 HH Dow Bldg Ann Arbor, MI 48109- 2136 (313) 763-1233 Have MII	<b>Century Design</b> Jody Heurung 530 15th Ave. S. Hopkins, MN 55343- 7889 (612) 935-0033 Have MII
<b>Colorlab</b> Russ Suniewick 5708 Arundel Ave. Rockville, MD 20852 (301) 770-2128 Have MII	<b>Prince Georges Co.</b> Public Schools Chuck Wolfe 8437 Landover Road Landover, MD 20785 Have MII	<b>VMAG</b> Kendra Cook 5410 Goldsboro Road Bethesda, MD 20817 (301) 320-0077 Have MII	<b>Studio 5 Productions</b> Bill Lowell 5 TV Place Needham, MA 02192 (617) 449-0400 Have MII	<b>Vivid Visions, Inc</b> Christopher Hart 9282 General Dr., Suite 130 Plymouth, MI 48170 (313) 453-7770 Have MII	<b>Champion Auto Stores</b> Larry Gilbertson 5520 N. Highway 169 New Hope, MN 55428 (612) 535-5984 Have MII
<b>Communications</b> Televideo Ltd. Paul Farren 9301 Georgia Ave. Silver Spring, MD 20910 (301) 585-6311 Dealer	<b>Professional Products,</b> Inc. James Baldwin 4964 Fairmont Ave. Bethesda, MD 20814 (301) 657-2141 Dealer	<b>Washington Professional</b> Systems Mike Gerry 11157 Viers Mill Rd Wheaton, MD 20902 (301) 942-6800 Dealer	<b>Thom McAn</b> Greg Lindgren 67 Millbrook St. Worcester, MA 01606 (508) 791-3811 Have MII	<b>VPM Studios</b> Gene Casaroll 13761 Bell Court Stirling Heights, MI 48312 (313) 939-8680 Have MII	<b>Cinequipt</b> Kevin Groves 856 Raymond Ave St Paul, MN 55114 (612) 646-1780 Dealer
<b>Fay Communications</b> Inc. Tim Fay 802 Argyle Rd Silver Spring, MD 20901 (301) 588-0778 Have MII	<b>Professional Products,</b> Inc. Bob Williams 2605 N. Rolling Rd, Suite 406 Baltimore, MD 21207- 1960 (301) 298-7111 Dealer	<b>WBFF</b> Del Parks 2000 W. 41st. Street Baltimore, MD 21211 (301) 467-4545 Have MII	<b>Video Information</b> Productions Mark Cavanaugh PO Box 5986 Marlboro, MA 01752 (508) 481-6823 No MII	<b>Western Michigan</b> University James Kirkland Television Department Kalamazoo, MI 49008- 3899 (616) 387-5040 Have MII	<b>Conus Communications</b> Jonathan Meyers 3415 University Ave St Paul, MN 55114 (612) 642-4637 Have MII
<b>Fuji Film</b> J. Thomas Baum 1089 Heathers Dr. Westminster, MD 21158-3602 (301) 876-9590 Manuf.	<b>Ralph Graves</b> Productions, Inc. Bill Graves 5161 River Rd, Bldg 2, Suite 103 Bethesda, MD 20816 (301) 986-4577 Have MII	<b>WHAG-TV</b> Wayne Younkins 13 E. Washington St. Hagerstown, MD 21740 (301) 797-4400 Have MII	<b>WNAC-TV</b> Gary Sprague 33 Pine St Rehoboth, MA 02769 Have MII	<b>Western Michigan</b> University Brad Morgan Television Studios Kalamazoo, MI 49008- 5167 (616) 387-5042 Have MII	<b>Grant Booker Video</b> Terry Grant 2543 Nicollet Ave. S Minneapolis, MN 55404 (612) 870-0028 No MII
<b>Global Vision</b> Tariq Nazir PO Box 535 Reisterstown, MD 21136 (301) 356-6715 No MII	<b>Ritz Audio/Visual</b> Scott Grady 6620 Virginia Manor Beltsville, MD 20705 No MII	<b>Massachusetts</b> <b>A/V Services</b> Bob Pooler 674 Mass Ave (Rt 111) Boxborough, MA 01719 (508) 263-7727 Have MII	<b>Michigan</b> <b>Delta College</b> Harold Conley University Center, MI 48710 Have MII	<b>WNEM TV 5</b> Michael J Miller 107 N. Franklin St PO Box 531 Saginaw, MI 48606 Have MII	<b>KARE</b> Norm Beardsley 8811 Olson Memorial HWY Minneapolis, MN 55427 (612) 546-1111 Have MII
<b>Henry Joseph, III</b> 10169 New Hampshire Ave. Suite 198 Silver Spring, MD 20903 (301) 434-7347 No MII	<b>Sign Media Inc.</b> Verden Ness 4020 Blackburn Lane Burtonsville, MD 20866 (301) 421-0268 Have MII	<b>Bob Benson Video Film</b> Robert Benson 287 Chappel St Holden, MA 01520 (508) 829-4105 No MII	<b>Digital Animation Corp.</b> Ron Ware 24445 Northwestern Hwy, Suite 105 Southfield, MI 48075 (313) 354-0890 No MII	<b>WXYZ</b> Mike Doback PO Box 789 Southfield, MI 48037 (313) 827-9490 Have MII	<b>Mayo Clinic</b> Marvin Mitchell Video Communications Systems Rochester, MN 55905 (507) 284-2511 Have MII
<b>Image Productions</b> John Young 111 South Potomac St. Hagerstown, MD 21740 (301) 739-4590 No MII	<b>Specialized</b> Communications Dave Clayberg 907 Maryland Ave. Hagerstown, MD 21740 (301) 790-0103 Repair	<b>The Camera Corp</b> Marty Feldman 858 Providence Hwy Norwood, MA 02062 Dealer	<b>Dan Fitzgerald</b> P.O. Box 126 Tecumseh, MI 49286 (517) 423-8124 No MII	<b>WZZM-TV</b> Chuck Mikowski 645 Three Mile Rd N.W. Grand Rapids, MI 49504 Have MII	<b>Miller Meester</b> Advertising Dan Sauard 17 N Washington Ave Minneapolis, MN 55401 (612) 337-9120 Have MII
<b>Infovideo</b> Don Lyman 4833 Del Ray Ave. Bethesda, MD 20814 (301) 986-8811 No MII	<b>TCI Cablevision</b> Bob Hidey 201 S. Mechanics St Cumberland, MD 21502 (301) 722-6547 Have MII	<b>GTE Labs, Inc.</b> Rich Weiland 40 Sylvan Rd. Waltham, MA 02254 (617) 466-4151 Have MII	<b>PKH Video</b> Peter Hickman 1997 M-50 Tecumseh, MI 49286 (517) 423-2137 Have MII	<b>Minnesota</b> <b>3M</b> Bob Herman 3M Center Building 223-5N-01 St Paul, MN 55119 (612) 736-2549 Manuf.	<b>NW Airlines</b> Bob Brandia 5101 NW Dr St. Paul, MN 55111 (612) 726-0355 Have MII
<b>Johns Hopkins APL</b> Bob Grauel Johns Hopkins Rd Columbia, MD 20723 (301) 953-6786 Have MII	<b>TPI Productions</b> Bill Perkins 5410 Goldsboro Road Bethesda, MD 20817 (301) 320-5979 Have MII	<b>LCR Productions</b> Leo Rotkiewicz, Jr. 46 Elm St South Deerfield, MA 01373-1006 (413) 665-2946 No MII	<b>Q-1 Video Network</b> Tim Hart 62 Division Coldwater, MI 49036 (517) 279-8752 Have MII	<b>Alpha Video</b> Ben Vogel 7836 2nd Ave. S. Bloomington, MN 55420 Dealer	<b>Promotional Films and</b> Video, Inc. Al Peterson 1313 Cambridge St. Hopkins, MN 55343 (612) 935-2183 No MII
<b>Preston Trucking</b> Bob Lyons 151 Easton Blvd. Preston, MD 21655 (301) 673-7151 Have MII	<b>Video on Location</b> Jimmy Veizis 11600 Nebel St. Rockville, MD 20852 (301) 984-5823 Have MII	<b>Media Partners of MA</b> Gary Pink 1837 Ocean St. Marshfield, MA 02050 (617) 837-5301 Have MII	<b>Thalner Electronic Labs</b> Karl Couryoumjan 7235 Jackson Rd. Ann Arbor, MI 48103 (313) 761-4506 Dealer	<b>Audio Visual</b> Wholesaler Tom Toutges 5395 31st Ave Plymouth, MN 55447 Dealer	<b>Missouri</b> <b>Duff Video Productions</b> Ron Duff P.O. Box 881 Cape Girardeau, MO 63702-0881 (314) 334-1189 Have MII
<b>PG County Office of TV</b> Resources Don Mattingly 8437 Landover Road Landover, MD 20785 (301) 386-1629 Have MII	<b>Video on Location</b> Dino Veizis 11600 Nebel St. Rockville, MD 20852 (301) 984-5823 Have MII	<b>MIT Earth &amp; Planetary</b> Sciences Tim Dowling 18 Vassar St Bldg 54-420 Cambridge, MA 02139 (617) 253-1785 Have MII	<b>Thalner Electronic Labs</b> John Young PO Box 96 Bangor, MI 49013 (616) 427-8233 Dealer		

<b>KPLR</b> Tommy Gray 4935 Lindell Blvd. St. Louis, MO 63108 (314) 454-6310 No MII	<b>Ickle Productions</b> Erik Lourette 7 Hampstead Rd Box 439 Sandown, NH 03873 No MII	<b>United Artists Cable</b> Peter Strang-Wolf 421 Allwood Rd Clifton, NJ 07012 (201) 779-2444 Have MII	<b>All Pro Production</b> Nathan Bacher 124 W. 60th St., Suite 20B New York, NY 10023 (212) 489-5780 Have MII	<b>Elite Video Production</b> Kalmon Zeines 1612 E. 14th St Brooklyn, NY 11229 (718) 627-0499 Have MII	<b>NBC News</b> Mark Chomut 30 Rockefeller Plaza, RM 737 New York, NY 10120 (212) 664-5888 Have MII
<b>University of Missouri</b> Video Network James Gaar 301 Fine Arts Bldg UMKC Kansas City, MO 64110- 2499 (816)235-1094 Have MII	<b>New Jersey</b>  Audio + Video Post Tony Beswick 235 Pegasus Ave Northvale, NJ 07647 (201) 784-2818 No MII	<b>WJ Kronemyer</b> Associates Bill Kronemyer 280 East Glen Ave. Ridgewood, NJ 07450 (201) 445-1919 No MII	<b>Bausch &amp; Lomb</b> Terry Shaw 1400 N. Goodman St. Rochester, NY 14692 (716) 338-8779 Have MII	<b>Greater Rochester</b> Cable Harry Goldberg 71 Mount Hope Ave Rochester, NY 14620 (716) 325-1111 Have MII	<b>NBC News</b> Joe Marrone 30 Rockefeller Plaza, RM 737 New York, NY 10120 (212) 664-5888 Have MII
<b>Montana</b>  KCFW-TV Carol Boisvert PO Box 857 Kalispell, MT 59901 (406) 755-5239 Have MII	<b>Avon Productions</b> Fred Lipowitz 123 Matis Street South Plainfield, NJ 07080 (908) 756-0643 Have MII	<b>Z F/X Video Production</b> Al Martucci 140 Arlington Blvd North Arlington, NJ 07031 (201)997-2191 No MII	<b>B &amp; B Systems, Inc.</b> Norman Schnapper 630 3rd Ave. New York, NY 10017 (212)599-0375 Supplier	<b>HAVE, Inc.</b> Paul Swedenburg 309 Power Ave. Hudson, NY 12534 (518)828-2000 Have MII/Supplier	<b>NBC</b> Bill Sacrey 30 Rockefeller Plaza Rm 1210W New York, NY 10112 (212) 664-7140 Have MII
<b>KCFW-TV</b> Anita Tucker PO Box 857 Kalispell, MT 59901 (406) 755-5239 Have MII	<b>Bell Atlantic</b> Corporate Television Richard Deiss 540 Broad Street, Room 400 Newark, NJ 07101 (201) 649-3885 Have MII	<b>New Mexico</b>  Four M Video Inc EF Morrill PO Box 736 Cedar Crest, NM 87008 No MII	<b>BCS</b> Walter Druker 460 W. 34th Street New York, NY 10001 (212) 268-8800 Supplier	<b>Herkimer County</b> Community College Bob Schultz Reservoir Rd Herkimer, NY 13350 (315)866-0300x238 Have MII	<b>NBC</b> Mr. Andy Morris 30 Rockefeller Plaza Rm 1210W New York, NY 10112 Have MII
<b>KULR-TV</b> Dean Jansma PO Box 80810 Billings, MT 59108 (406) 656-8000 Have MII	<b>Bottom Line Television</b> Mike Moran 6 Northwest Blvd Newfield, NJ 08344 (609) 697-4661 Have MII	<b>G.C.Video, Inc.</b> Diane Bogle 425 Eubank Blvd, NE Suite E Albuquerque, NM 87123 (505) 293-6509 Have MII	<b>Bravo Studio</b> Michael Shkolnikov 2055 E 57th St Brooklyn, NY 11234 (718) 377-4411 No MII	<b>IATSE</b> Karen Pizzuto 1515 Broadway #601 New York, NY 10036 No MII	<b>NBC News</b> Mel Weidner 30 Rockefeller Plaza, RM 807 New York, NY 10112 (212) 664-6118 Have MII
<b>Nebraska</b>  Creighton University Terence Barrio 2400 California St Omaha, NE 68178 No MII	<b>CNBC</b> Mr. M. Reitman 2200 Fletcher Ave. Fort Lee, NJ 07024 Have MII	<b>KGSW-TV</b> Mark Gardner 1377 University Blvd NE Albuquerque, NM 87102 Have MII	<b>Broadcast Video</b> Productions Jack Miller 480 Main Street Armonk, NY 10504 (914) 273-6649 Have MII	<b>Henry Joerz, Jr</b> 7230 73rd St Glen Dale, NY 11385 No MII	<b>NBC News</b> Stu Pearson 52-37 Second St Long Island City, NY 11101 (718) 482-8310 Have MII
<b>Data Security Inc.</b> Wayne Boles 2801 N. 27th St. Lincoln, NE 68521 (800) 225-7554 Manuf.	<b>CNBC</b> Kevin Kudatzky 2200 Fletcher Ave. Fort Lee, NJ 07024 Have MII	<b>PCI, Inc.</b> Idella Cantrell 1595 W. Amador Ave Suite H Las Cruces, NM 88005 Dealer	<b>Bronx Community</b> College Prof. Donald Cauty 184 th St & University Ave Bronx, NY 10453 Have MII	<b>IBM East Fishkill</b> Joseph Chin Rt 52 Dept-31U, zip 22A Hopewell Junction, NY 12533 (914)894-8464 Have MII	<b>New Matchback</b> Dan Aizenstat 605 2nd Ave Suite 3 New York, NY 10016 (212) 685-6283 Have MII
<b>Garner Industries</b> Scott Torres 4200 N 48th Lincoln, NE 68504 (800)228-0275 Manuf.	<b>Creative Associates</b> Harrison Feather 626 Bloomfield Ave. Verona, NJ 07044 (201) 857-3444 No MII	<b>Sandia National</b> Laboratories Jim Lloyd Organization 7212 P.O. Box 5800 Albuquerque, NM 87185 (505) 844-3867 Have MII	<b>Camera Mart</b> Mitchell Hyman 456 W. 55th St. New York, NY 10019 (212) 757-6977 Supplier	<b>Locke Productions</b> Christopher Johnson 14336 Oak Ave Flushing, NY 11355 No MII	<b>New York City</b> Sanitation Department Mike Barbarotto Audio Visual Services Unit PO Box 213 Maspeth (Queens), NY 11378 (718) 507-3543 Have MII
<b>WOWT-TV</b> Rick Klutts 3501 Farnam Omaha, NE 68131 (402) 346-6666 Have MII	<b>Edit Masters</b> David Lane 1000 Laurel Oak Corp Center Voorhees, NJ 08043 (609) 784-1177 Have MII	<b>Troxell</b> Terry Hixson 2730 San Pedro, NE Albuquerque, NM 87110 Dealer	<b>Center for Video</b> Education Pat Shafer 56 Lafayette Ave N White Plains, NY 10603 (914)428-9620 No MII	<b>Moyse &amp; Associates, Inc</b> Claude Moyse PO Box 831 Latham, NY 12110 (518) 783-6221 Have MII	<b>New York Telephone</b> Walter Erickson 1095 Avenue of the Americas, Rm 1600 New York, NY 10036 (212) 395-0111 Have MII
<b>Nevada</b>  Truckee River Studios, Inc. Larry Beldon PO Box 1529 Verdi, NV 89439 (800) 824-0977 Have MII	<b>Garden State Cable TV</b> Martin Otremsky 1250 Haddenfield-Berlin Rd. Cherry Hill, NJ 08034 (609) 354-1223 Have MII	<b>New York</b>  AICPA Jim Catone TV Studio 5th Floor 1211 6th Ave. New York, NY 10036 (212) 575-5490 Have MII	<b>Colortone</b> Bob Siebern 76 S. Central Ave. Elmsford, NY 10523 (914) 592-4151 Dealer	<b>Nassau County Police</b> (VISCOM) Benjamin Homenick 1490 Franklin Ave. Mineola, NY 11501 (516) 573-7013 Have MII	<b>Northstar Television</b> Group Mark Olkowski 405 Lexington Ave, 54th Floor New York, NY 10174 No MII
<b>New Hampshire</b>  Channel One Video Bill Channel PO Box 1437 Seabrook, NH 03874 (603) 474-5046 No MII	<b>NBC</b> Mr. Wayne Grennier 101 Broad Avenue Fairview, NJ 07022 Have MII	<b>Allen AME Church</b> Gary Fulmore 1100-54 Merick Blvd Queens, NY 11432 (718) 526-3510 No MII	<b>Colortone</b> Jack Miller 76 S. Central Ave. Elmsford, NY 10523 (914) 592-4151 Dealer	<b>NBC News Archives</b> Yuien Chin 30 Rockefeller Plaza, RM 922 New York, NY 10120 (212) 664-5223 Have MII	<b>PCI Recording Service</b> Ted Hummel 737 Atlantic Ave. Rochester, NY 14609 (716) 288-5620 No MII
	<b>Telemetrics</b> Anthony Cuomo 7 Valley St Hawthorn, NJ 07506 (201) 423-0347 Have MII		<b>CoarcVideo</b> Edward Helfer Jr. PO Box 2, Rt 217 Mellenville, NY 12544 (800) 888-4451 Supplier		

<b>SUNY Institute of Technology</b> Steve Perta PO Box 3050 Utica, NY 13504 (315) 792-7180 Have MII	<b>Pumkin Creek Video Production</b> Harold Ferguson 321 Coffee Ave North Wilksboro, NC 28659 (919) 667-7717 Have MII	<b>Classic Video</b> Dave Ginaven 5001 E. Royalton Rd Cleveland, OH 44147 (216) 838-5377 Have MII	<b>Riverside Film &amp; TV Productions</b> Rob Richardson, Jr. PO Box 543 Marrietta, OH 45750 (614) 373-0861 Have MII	<b>Oklahoma</b> <b>BCD Assoc.</b> RM Howard 7510 N. Broadway Oklahoma City, OK 73116 Manuf.	<b>Action Duplication</b> Craig Kuptsow 555 North Lane, Suite 5075 Conshocken, PA 19428 No MII
<b>Vertex Video Group</b> Steven Zacharoff 1680 Bedford Ave. #22D Brooklyn, NY 11225 (718) 756-0438 Have MII	<b>Target Television</b> Don Kirk 1001 S Marshall St Winston-Salem, NC 27101 Have MII	<b>Claybaugh Enterprises Inc</b> David Clay baugh 2959 Layhigh Rd Hamilton, OH 45013 (513) 738-0880 Have MII	<b>Stanley Steamer Int'l</b> Steve Whitley 5500 Stanley Steamer Pkwy Dublin, OH 43017 (614) 764-2007x553 No MII	<b>KJRH</b> Vic Turner 3701 S. Peoria St Tulsa, OK 74105 (918) 743-2222 No MII	<b>Allen Organ Company</b> Clark Ferguson 150 Locust St Macungie, PA 18062 (215) 966-2202 Have MII
<b>Vlahos Communications</b> Harvey Vlahos State RT 156 Altamont, NY 12009 (518) 861-8176 No MII	<b>TeleFox</b> Bill Hitchcock PO Box 2069 Moorehead, NC 28557 (919) 240-7340 Have MII	<b>GE</b> Dan Kerr Videoconference Center One Neuman Way Cincinnati, OH 45215 (513) 243-3695 Have MII	<b>Vanguard Productions</b> Jerry Beck 7064 Huntley Rd Columbus, OH 43229 (614) 436-4610 Have MII	<b>Teleproduction Unlimited</b> Mel Elzea 5820 South 129th East Ave Tulsa, OK 74134 (918) 252-2909 Have MII	<b>Bell Atlantic</b> Morris Hoch 1 Parkway, 2nd Floor Philadelphia, PA 19102 (215) 466-3896 Have MII
<b>WPIX</b> Bob Murch 222 42nd St New York, NY 10017 (212) 210-2552 No MII	<b>Video Perception</b> Rick Hall 1016 S Church St Charlotte, NC 28203 (704) 358-0900 Have MII	<b>Horizon Production, Inc.</b> Bill Jacobs 2321 Kemper Ln Cincinnati, OH 45206 (513) 559-0550 Have MII	<b>Video Duplication Services</b> Pete Stock PO Box 18337 Columbus, OH 43218 (800) 289-4301 No MII	<b>Oregon</b> <b>Columbia Cable of OR</b> Jim DeChant 14200 SW Brigadoon Ct. Beaverton, OR 97005 (503) 644-3188 Have MII	<b>Cornerstone TV</b> Kevin Robinson Signal Hill Dr Wall, PA 15148 (412) 824-3930 Have MII
<b>North Carolina</b> <b>A&amp;T State University</b> Arthur D. Selby Greensboro, NC 27406 No MII	<b>Walt Kline &amp; Assoc.</b> Mike Laur 200 Brookstown Ave Winston Salem, NC 27101 (919) 727-4900 No MII	<b>Image Video Teleproduction</b> Mike Tonges 6755 Freedom Ave, NW North Canton, OH 44720 (216) 494-9303 Have MII	<b>WAKC-TV</b> Earl Miller 853 Copley Rd Akron, OH 44320 (216) 535-7831 Have MII	<b>Fishing the West</b> Kerry Brown 5484 SE International Way Milwaukie, OR 97222 (503) 654-0092 Have MII	<b>Cornerstone TV</b> Gary Stuart Signal Hill Dr Wall, PA 15148 (412) 824-3930 Have MII
<b>Camp Lejeune Dept. Schools</b> Mirjam Bohnet Camp Lejeune, NC 28542 No MII	<b>WFXI-TV</b> Michelle LaRock PO Box 2069 Moorehead, NC 28557 (919) 240-0888 Have MII	<b>Industrial Video</b> John Barak 1601 N. Ridge Rd E. Lorain, OH 44055 (216) 277-1218 Dealer	<b>WBNX-TV</b> Bill Cogger 2690 State Rd Cuyahoga Falls, OH 44221 (216) 920-1019 Have MII	<b>Hultman Media Services</b> Gary Hultman PO Box 5317 Grants Pass, OR 97527 (503) 474-6466 No MII	<b>Mine Safety Appliance Co.</b> Josh Bayer PO Box 426 Pittsburgh, PA 15230 (412) 967-3198 Have MII
<b>Junior Johnson &amp; Associates</b> Ron Dauenhauer Wilkesboro, NC 28697 (919) 984-2101 Have MII	<b>W.H. Platts Company</b> Brooks Platts 2303 Distribution Charlotte, NC 28203 (704) 332-9053 Dealer	<b>Mission Video Support</b> Paul Klouda 10011A State Rt. 88 Garrettsville, OH 44231 (216) 527-2182 Have MII	<b>WEWS-TV</b> Ed Miller 3001 Euclid Ave. Cleveland, OH 44115 (216) 431-3687 Have MII	<b>KBSP</b> Tim Mance 4923 Indian School Rd, NE Salem, OR 97305 (503) 390-2202 Have MII	<b>Pittsburgh Televideo Inc.</b> 1738 N. Highland Rd. Suite 103 Pittsburgh, PA 15241 Have MII
<b>Lentz &amp; Associates</b> LA Lentz PO Box 6181 Raleigh, NC 27628 (919) 828-6761 Have MII	<b>WJZY</b> Ed McKay PO Box 668400 Charlotte, NC 28266-8400 (704) 398-0046 Have MII	<b>Mission Video Support</b> Vince Sisson 10011A State Rt. 88 Garrettsville, OH 44231 (216) 527-2182 Have MII	<b>WHIZ-TV</b> Elmer Hartmeyer 629 Downard Rd. Zanesville, OH 43701 (614) 453-4079 Have MII	<b>KMTR-TV</b> Tim Lay PO Box 7308 Eugene, OR 97401 (503) 746-1600 Have MII	<b>Pro Video</b> Steve Zampana 1001 Sussex Blvd Broomhall, PA 19008 (215) 328-7448 Dealer
<b>Long Communications Group</b> Spencer Bullins 961 Burke St Winston-Salem, NC 27101 (919) 725-2306 Dealer	<b>WRAL</b> Ron Tyndall 2619 Western Blvd Raleigh, NC 27606 (919) 821-8520 Have MII	<b>Mission Video Support</b> Chris Sullivan 10011A State Rt. 88 Garrettsville, OH 44231 (216) 527-2182 Have MII	<b>Wiegand Audio/Video Labs</b> Charles Wiegand 7758 Lafayette Rd, NW Newark, OH 43055 (614) 967-0059 Supplier	<b>KMTR-TV</b> Kurt Thelen PO Box 7308 Eugene, OR 97401 (503) 746-1600 Have MII	<b>Quail Video Products</b> Bill Frazier 949 Penn Ave Pittsburgh, PA 15221 (412) 243-1300 Dealer
<b>Lowe's Companies, Inc.</b> Bill Hurd PO Box 1111 North Wilkesboro, NC 28656 (919) 651-4933 Have MII	<b>North Dakota</b> <b>WDAY-TV</b> Joel Aagenas 301 8th Street So. Fargo, ND 58103 (701) 237-6500 Have MII	<b>Nordson Corporation</b> Robert A. Schneider 555 Jackson Street Amherst, OH 44001 (216) 988-9411x4540 Have MII	<b>WKYC-TV</b> Andy Hitchcock 1403 E. 6th St. Cleveland, OH 44114 (216) 344-3356 Have MII	<b>Portland Public Schools</b> Jim Kunze Television Services 5210 N. Kerby St Portland, OR 97217 (503) 280-5838 Have MII	<b>Quail Video Products</b> Brian Nee 949 Penn Ave Pittsburgh, PA 15221 (412) 243-1300 Dealer
<b>Marine Grafics</b> Bill Lovin Box 2242 Chapel Hill, NC 27515 (919) 362-8867 No MII	<b>Ohio</b> <b>Advanced Video</b> Jeff Costa 1312 Wise Dr Miamisburg, OH 45342 (513) 461-6800 Have MII	<b>Ohio Bell Telephone Company</b> Dave Kennett 100 Erie View Plaza, Rm 230 Cleveland, OH 44114 (216) 822-3770 Have MII	<b>WNED-TV</b> Alan Creed 13870 Salem Alliance Rd Salem, OH 44460 (216) 337-3755 Have MII	<b>Professional Video &amp; Tape</b> Bill Floyd 10240 SW Nimbus Ave Tigard, OR 97223 (503) 598-9142 Dealer	<b>Reel Video Productions</b> Mark Johnson 300 Roosevelt Ave Holidaysburg, PA 16648 (814) 695-8054 Have MII
		<b>RDB Productions</b> Russ Beckner 2100 Heatherwood Ct Middletown, OH 45042 (513) 422-9552 Have MII		<b>Pennsylvania</b>	

**RPC Video**  
Paul Hauser  
384 Route 909  
Verona, PA 15147  
(412) 828-1414  
Dealer

**SMI Productions**  
Stan Mack  
5100 Tilghman St.  
Suite 20  
Allentown, PA 18104  
(215) 398-8200  
No MII

**Video Spectrum**  
Wayne Stephany  
630 Hedgewick Dr  
Lancaster, PA 17603  
(717) 394-4042  
Have MII

**WHYY**  
John Collins  
150 N. 6th. Street  
Philadelphia, PA 19106  
(215) 351-1274  
Have MII

**WJAC**  
Rob Abele  
1949 Hickory Ln  
Johnstown, PA 15905  
(814) 255-7600  
Have MII

**WPGH-TV**  
John Getz  
750 Ivory Ave  
Pittsburgh, PA 15214  
(412) 931-8141  
Have MII

**WPTT-TV**  
Chief Engineer  
PO Box 2809  
Pittsburgh, PA 15230  
(412) 856-9010  
Have MII

**WSEE-TV**  
Dan Nungesser  
1220 Peach St  
Erie, PA 16501  
Have MII

#### **Rhode Island**

**Heritage Cable**  
Joe Stafford  
PO Box 518  
Lincoln, RI 02865  
(401) 765-6652  
Have MII

**Logeographics**  
Maria Houde  
PO Box 23535  
Providence, RI 02903  
No MII

**WPRI**  
Jim Cofta  
25 Catamore Blvd  
E Providence, RI 02914  
(401) 438-7200  
Have MII

**WPRI**  
Mark Gordon  
25 Catamore Blvd  
E Providence, RI 02914  
(401) 438-7200  
Have MII

#### **South Carolina**

**Action Video Productions**  
Tommy Cabaniss  
9 E. Parkins Mill Rd  
Greenville, SC 29607  
(803) 297-8865  
Have MII

**Cable Ad Connection**  
Dave Rodney  
PO Box 746  
Johns Island, SC 29457  
No MII

**Greenville Technical College**  
Michael Conet  
PO Box 5616  
Greenville, SC 29606-5616  
(803) 250-8363  
Have MII

**Ron Shecut**  
3404 Keenan Dr  
Columbia, SC 29201  
(803) 765-2299  
No MII

**Sound & Images**  
Fess Shelton  
PO Box 26895  
Greenville, SC 29616  
(803) 288-8400  
Have MII

**Total Audio Visual Services**  
Allan Dox  
1 Winsor Cove  
Columbia, SC 29223  
(803) 788-1333  
Dealer

**Video South Productions**  
David Haskell  
105 Cypress Plaza  
PO Box 2249  
Myrtle Beach, SC 29578  
(803) 236-3030  
Have MII

**Walton Productions**  
Stan Walton  
158 Cannondale Rd.  
Columbia, SC 29212  
(803) 731-0871  
Have MII

**WBTW**  
Doug Carter  
PO Box 100530  
Florence, SC 29501  
(803) 662-1565  
Have MII

**W.H. Platts Company**  
Billy Platts  
710 King Street  
Charleston, SC 29403  
(803) 723-7604  
Dealer

#### **South Dakota**

**KSFY**  
Doug Loos  
300 N. Dakota Ave,  
Suite 1000  
Sioux Falls, SD 57102  
(605) 336-1300  
Have MII

**South Dakota Public Broadcasting**  
Larry Conlon  
PO Box 5000  
Vermillion, SD 57069  
(605) 677-5861  
Have MII

**Department of Ag Communications**  
Stuart Fedt  
PO Box 2231, SDSU  
Brookings, SD  
(605) 688-4507  
No MII

#### **Tennessee**

**Allied Communications Corp.**  
Mark Conrad  
PO Box 101482  
Nashville, TN 37224-1482  
(615) 5500  
Have MII

**Linden Communication Group**  
Michael Stevenson  
17 W. Pontotoc Suite 207  
Memphis, TN 38103  
(901) 523-0506  
No MII

**Miles & Associates**  
John Miles  
755 Broad St NW  
Cleveland, TN 37311  
Have MII

**Tennessee Wildlife Resources Agency**  
Mark Greenwald  
PO Box 40747  
Nashville, TN 37204  
(615) 781-6502  
Have MII

**Video Ideas**  
4762 Highway 58  
Suite G  
Chattanooga, TN 37416  
(615) 894-2677  
Have MII

**WMC-TV**  
Mike Schwartz  
1960 Union Ave.  
Memphis, TN 38104  
(901) 726-0555  
Have MII

**World Class Productions**  
Frank Weeks  
1300 East 9th Ave  
Johnson City, TN 37601  
(615) 928-5753  
Have MII

#### **Texas**

**Accelerated Christian Education**  
Don Gray  
2600 Ace Lane  
Lewisville, TX 75067  
(214) 315-1776  
Have MII

**Christian Video Ministries**  
J.D. Dunson  
HCR 2  
Beeville, TX 78102  
(512) 358-3416  
Have MII

**CompuTrac**  
Roger Young  
222 Municiple Dr.  
Richardson, TX 75080  
(214) 234-4241  
No MII

**ECI Video**  
Shawn Sterling  
2809 Ross Ave  
Dallas, TX 75201  
(800) 880-9400x224  
Dealer

**ECI Video**  
Johnny Griffin  
2809 Ross Ave  
Dallas, TX 75201  
(800) 880-9400x218  
Dealer

**Fuji Photo Film**  
Bob Sullivan  
1628 West Crosby Road  
Suite 100  
Carrollton, TX 75006  
(214) 466-9200  
Manuf.

**Industrial Audio Video**  
Mark Faulstich  
2617 Bissonnet  
Houston, TX 77005  
(713) 535-2375  
Dealer

**ISDL**  
Priya Dasi  
400 Barsana Rd  
Austin, TX 78737  
(512) 288-7180  
Have MII

**J Darrell Kirkley Inc.**  
Darrell Kirkley  
11078 Morrison  
Dallas, TX 75229  
(214) 243-0013  
Have MII

**KTSM-TV**  
Chief News  
Photographer  
801 N. Oregon St.  
El Paso, TX 79902  
(915) 532-5421  
Have MII

**KXXV**  
Jerry Copeland  
PO Box 2522  
Waco, TX 76702  
(817) 754-2525  
Have MII

**KXXV**  
Mike Jugert  
PO Box 2522  
Waco, TX 76702  
(817) 754-2525  
Have MII

**Legal Media Center**  
Kevin McInturff  
4151 SW Freeway Suite 715  
Houston, TX 77027  
(713) 963-0397  
Have MII

**Pierre Miron**  
C 15205 S. Main  
Houston, TX 77035  
(713) 499-8764  
No MII

**NEC America**  
Broadcast Equipment  
Dept  
Jim Suttles  
1417 Exchange Dr  
Richardson, TX 75081  
(214) 907-4744  
Manuf.

**On Location Video Services**  
Mel Rainer  
PO Box 35657  
Houston, TX 77035  
(713) 728-1020  
Have MII

**Project Video**  
Gary Brewton  
PO Box 5850  
Beaumont, TX 77726  
No MII

**Siam Satellite-TV**  
Mandonsiri Kattija Ari  
7306 Logging Tr  
Humble, TX 77346  
No MII

**Stillpoint Productions**  
Robert Castaldo  
706 W. Main St  
Arlington, TX 76013  
No MII

**Texas A & M University**  
Bob Matey  
Video Lab  
Kyle Field  
College Station, TX  
Have MII

**The Video Eye**  
Bob Fitch  
10960 Mill Ridge N. Dr  
Suite 103  
Houston, TX  
(713) 890-8364  
Have MII

**The University of Texas Health Science Center**  
Sam Dement  
Television Production Services  
7703 Floyd Cuol Dr  
San Antonio, TX 78284  
(512) 567-2220  
Have MII

**West Net Video**  
Bob Abrahamson  
20023 Legend Oak Dr.  
Humble, TX 77346  
(713) 852-7883  
Have MII

#### **Utah**

**Bosworth Graves**  
Norm Bosworth  
1055 S. 700 W  
Salt Lake City, UT 84104  
(801) 972-6128  
Have MII

**CXT Corp**  
Jack Johnson  
666 N. Main St  
Logan, UT 84321  
Supplier

**DCE Marketing**  
Kenneth Foster  
University of Utah  
2167 Annex Bldg  
Salt Lake City, UT 84112  
(801) 581-5588  
Have MII

**DCE Marketing**  
Tori Smith  
University of Utah  
2167 Annex Bldg  
Salt Lake City, UT 84112  
(801) 581-5588  
Have MII

**LDS Church**  
Peter Urwin  
A/V Dept.  
50 East North Temple  
Salt Lake City, UT 84150  
Have MII

**International Media**  
Robert Hatch  
Boston Building,  
Suite 220  
Salt Lake City, UT 84111  
(801) 532-7770  
Have MII

**Scott Nelson Productions**  
Scott Nelson  
5006 S. Fairbrook  
Holladay, UT 84117  
(801) 272-5428  
No MII

**The Studio**  
Russ Relyea  
342 W. 200 S.  
Salt Lake City, UT 84101  
(801) 595-8800  
No MII

**The Valley Channel**  
Earl Rouse  
426 N 400 E  
Logan, UT 84321  
(801) 752-7537  
No MII

**Video Lines**  
Dennis Lisonbee  
267 S. Mountainland  
Orem, UT 84058  
(801) 226-0344  
Have MII

**Video Reflections**  
David Andrews  
6086 Fontainbleu  
Salt Lake City, UT 84121  
(801) 272-3031  
Have MII

**Word Perfect Corp.**  
Steve McCurdy  
1555 N. Technology Way  
Orem, UT 84057  
(801) 225-5000  
Have MII

#### **Vermont**

**Iris Multimedia**  
Robert Logsdan  
PO Box 726  
Burlington, VT 05402  
(802) 865-9560  
No MII



## Virginia

**2PM Multimedia**  
Jim Wine  
P.O. Box 2  
Linden, VA 22642  
(703) 636-4142  
Have MII

**AMPROD Inc.**  
Ken Santucci  
4531 Stone Pine Court  
Chantilly, VA 22021  
(703) 818-1353  
Have MII

**Walter Arandia**  
4311 S. 9th St  
Arlington, VA 22204  
(703) 521-9475  
Have MII

**AVEC Electronics Corp.**  
John Heinke  
711 Granby St  
Norfolk, VA 23510  
(804) 627-3502  
Dealer

**AVS**  
Jeff Kreger  
3330 Bourbon St.  
Fredericksburg, VA  
22408  
(703) 371-8324  
Have MII

**Henry Boisvert**  
4225 N. Henderson Rd  
Arlington, VA 22203  
No MII

**Bon Aventure Video**  
Communications  
David Jennings  
One Radio Lane  
Culpeper, VA 22701  
(703) 373-5767  
No MII

**Zack Burkett**  
Productions  
Zack Burkett  
14162 Marquis Rd  
Unionville, VA 22567  
(703) 854-6502  
No MII

**Commonwealth Film Inc**  
Rodney Asbridge  
1500 Brook Rd  
Richmond, VA 23220  
(804) 649-8611  
Have MII

**Corporate**  
Communications Inc.  
Harold Wiggins  
1630 W. Main St.  
Richmond, VA 23220  
(804) 359-9423  
Have MII

**Empire Video**  
Robert Rositzke  
3412 Ramsgate Ter.  
Alexandria, VA 22309  
(703) 360-6623  
No MII

**Evening Productions**  
Victoria Eyes  
PO Box 2065  
Falls Church, VA 22042  
No MII

**The Family Channel**  
Russ Murphy  
1000 Centerville  
Turnpike  
Virginia Beach, VA  
23463  
(804) 523-7874  
Have MII

**Garces Communications**  
Rolado Garces  
PO Box 3262  
Reston, VA 22090  
No MII

**Gardy-McGrath (Intl)**  
Inc.  
Dave Gardy  
8580 Cinderbed Rd.,  
Suite 1000  
Newington, VA 22122  
(703) 339-8500  
Have MII

**George Mason**  
University  
Susan Kehoe  
Univ. Drive TV Studio  
Fairfax, VA 22030  
(703) 323-3586  
Have MII

**C. Mark Guenther**  
7529 McWhorter  
Pl. #303  
Annandale, VA 22003  
(703) 941-6943  
No MII

**Norfolk Naval Shipyard**  
A/V Department  
Bill Whitford  
Bldg 33 Code 120  
Portsmouth, VA 23709  
Have MII

**Park Avenue**  
Teleproductions  
David Townsell  
3500 Maryland Ct  
Richmond, VA 23233  
Have MII

**Philip Morris USA**  
Carmen Inge  
P.O. Box 26603  
Richmond, VA 23261  
(804) 274-3721  
Have MII

**Philip Morris USA**  
Paul Ver Wey  
P.O. Box 26603  
Richmond, VA 23261  
(804) 274-3721  
Have MII

**Public Broadcasting**  
Service  
Mark Richer  
1320 Braddock Place  
Alexandria, VA 22314  
(703) 739-5471  
Have MII

**Public Broadcasting**  
Service  
Keith Ellsworth  
1320 Braddock Place  
Alexandria, VA 22314  
(703) 739-5302  
Have MII

**Reed Film & Video**  
Lloyd Reed  
4501 Sonata Court  
Fairfax, VA 22031  
(703) 978-5988  
Have MII

**Russell & Associates**  
Sam Russell  
P.O. Box 877  
Marion, VA 24354  
(703) 783-2251  
No MII

**Sallie Mae**  
Charlie Hite  
200 Fairbrook Dr  
Herndon, VA 22070  
(703) 834-5737  
Have MII

**Signet Bank**  
Mike Blacker  
Video Department  
11013 W. Broad St. Rd.  
Glen Allen, VA 23060  
(804) 0747-2064  
Have MII

**Systems Research**  
Service  
TM Atkins  
8664 Martin Creek Rd  
Roanoke, VA 24018  
Supplier

**Thomas**  
Communications  
William Aylward  
2550 Huntington Ave  
Suite 205  
Alexandria, VA  
No MII

**Tuckahoe Orthopaedics**  
Assoc.  
Orthopaedic Research  
of Virginia  
Mike Lockerham  
8919 Three Chopt Rd  
Richmond, VA 23229  
(804) 285-7336  
Have MII

**Union Theological**  
Seminary  
John Coffman  
Media Services Dept.  
3401 Brook Rd  
Richmond, VA 23227  
(804) 278-4323  
Have MII

**Video Services, Inc.**  
Jim Howell  
9305 Broad Meadows  
Rd  
Glen Allen, VA 23060  
(804) 346-0835  
Repair

**Virginia Baptist Board**  
Glenn Starling  
P.O. Box 8568  
Richmond, VA 23226  
(804) 672-2100  
Have MII

**Vision Enterprises**  
Michael Sustar  
P.O. Box 2698  
Christiansburg, VA  
24068  
(703) 382-0451  
Have MII

**WRLH-TV**  
Eldon Brown  
1925 Westmoreland St  
Richmond, VA 23230  
Have MII

**Zion Systems**  
Richard Hiett  
326 7th St  
Harrisonburg, VA 22801  
(703) 433-7700  
No MII

## Washington

**Blue Mountain**  
Broadcasting  
Lynelle Childs  
PO Box 205  
College Place, WA  
99324  
(509) 529-9149  
No MII

**KEPR**  
Don Eckis  
PO Box 2648  
Pasco, WA 99302  
(509) 547-0547  
No MII

No MII  
**KEPR**  
Dick Nelson  
PO Box 2648  
Pasco, WA 99302  
(509) 547-0547

**KHQ**  
Don Carmicheal  
P.O. Box 8088  
Spokane, WA 99203  
(509) 448-4655  
Have MII

**KHQ**  
Jeff Hite  
P.O. Box 8088  
Spokane, WA 99203  
(509) 448-4655  
Have MII

**Kramer Video**  
Tom Kramer  
PO Box 22446  
Seattle, WA 98122  
(206) 322-6555  
Have MII

**Mountain View TV**  
Anthony Evans  
1500 SE Blairmont Dr  
Vancouver, WA 98684  
(206) 253-2588  
Have MII

**National Videotape Co.**  
Mari Scimeca  
63 Clay  
Seattle, WA 98121  
(206) 441-1182  
Supplier

**Professional Services**  
Media  
Rich Kraemer  
PO Box 4005  
Tumwater, WA 98501  
(206) 786-1686  
Have MII

**Puget Sound Power &**  
Light Company  
Charles Nishida  
PO Box 97034  
OBC-09W  
Bellevue, WA 98009-  
9734  
(206) 454-6363 x3231  
Have MII

**Videoland Productions**  
Mitch McGeary  
805-C College St. SE  
Lacey, WA 98503  
(206) 491-1332  
Have MII

**Washington Natural Gas**  
John Cox  
815 Mercer Street  
Seattle, WA 98111  
(206) 622-6767  
Have MII

**Washington Natural Gas**  
Chis Nardine  
815 Mercer Street  
Seattle, WA 98111  
Have MII

## West Virginia

**Consolidated Media**  
Systems  
Larry Cox  
PO Box 649  
Scott Depot, WV 25560  
(304) 755-8795  
Supplier

**E.I. Dupont**  
Jack Green  
901 W. Dupont Ave.  
Belle, WVA 25015  
(304) 357-1835  
Have MII

**Seneca Communications**  
Inc.  
Chuck Sizemore  
1321 Dunbar Ave  
Dunbar, WV 25064  
(304) 766-8740  
Dealer

**West Virginia University**  
Dept. Radio & TV  
Rt 10 Box 304B  
Ramada Rd  
Morgantown, WV 26506  
Have MII

**WOAY-TV**  
Jim Martin  
RTE 16 South  
Oak Hill, WV 25901  
(304) 469-3361  
Have MII

**WVAH-TV**  
Raymond Beckner  
11 Broadcast Plaza  
Hurricane, WV 25526  
(304) 757-0011  
Have MII

**WYVN**  
Bill McDonnell  
1 Discovery Pl  
Martinsburg, WV 25401  
(304) 267-6060  
Have MII

**WYVN**  
Dan Taylor  
1 Discovery Pl  
Martinsburg, WV 25401  
(304) 267-6180  
Have MII

## Wisconsin

**Avonix**  
Ken Muehlbauer  
P.O. Box 505  
3495 N. 124th St  
Brookfield, WI 53008-  
0506  
(414) 783-6050  
Dealer

**Avonix**  
Bob Buss  
P.O. Box 505  
3495 N. 124th St  
Brookfield, WI 53008-  
0506  
(414) 783-6050  
Dealer

**Centercom**  
Bob Harmon  
5737 W. Hemlock Street  
Milwaukee, WI 53223  
(414) 353-2001  
Have MII

**Dealer**  
Camera Corner Inc.  
Earl Neville  
529 N. Monroe St.  
Green Bay, WI 54301  
Have MII

**David Larson**  
Productions  
David Larson  
5910 N. Lilly Road  
Menomonee Falls, WI  
53051  
(414) 252-4122  
Have MII

**Eaton Corporation**  
Jerry Martin  
4201 N. 27th St  
Milwaukee, WI 53216  
(414) 449-6216  
Have MII

**Excel Communications**  
Jim Dorman  
3487 N 124th St  
Brookfield, WI 53005  
(414) 786-0686  
Have MII

**Firstar Corporation**  
Frank Datzer  
777 East Wisconsin Ave.  
Milwaukee, WI 53202  
(414) 765-6228  
Have MII

**Fraser Orton**  
Productions  
Dennis Fraser  
2150 Memorial Dr.,  
Suite 212  
Green Bay, WI 54303  
(414) 494-6150  
Have MII

**Moraine Park Technical**  
College  
Bob Haase  
P.O. Box 1940  
Fond Du Lac, WI  
54936-1940  
(414) 929-2112  
Have MII

**Optics & Images**  
David Anderson  
1805 E. Allouez Ave  
Suite 1  
Greenbay, WI 54311  
(414) 465-9040  
Have MII



<p><b>Reimers Photo Material Co.</b> Dan Fritz 300 E. Bay Milwaukee, WI 53207 Have MII</p> <p><b>Universal Production Int'l</b> Bob Kames, Jr. 4415 W. Forrest Home Ave Milwaukee, WI 53219 (414) 321-0874 Have MII</p> <p><b>University of Wisconsin Bager Football</b> 1440 Monroe St. Madison, WI 53711 Have MII</p> <p><b>VIDTEK</b> James Lillis 9235 W. Capital Dr Milwaukee, WI 53222 (414) 466-7488 Have MII</p> <p><b>WYOU</b> Frank Maiale 1619 Monroe St Madison, WI 53711-2021 (608) 258-9644 Have MII</p> <p><b>Wyoming</b></p> <p><b>Pronghorn Productions</b> Dudley Irvine PO Box 703 Lander, WY 82520 (307) 332-9714 Have MII</p> <p><b>Canada</b></p> <p><b>Alberta</b></p> <p><b>EM/Media</b> Jim Goertz #200 - 116 - 8th Ave. S.W. Calgary, Alberta T2P 1B3</p> <p><b>Glenrose Rehab. Hospital</b> Randy Robertson 10230-111 Ave. Edmonton, Alberta T5G 0B7</p> <p><b>Montage Communications</b> Michael Prysunka Lower Floor 611-10th Ave. S.W. Calgary, Alberta T2R 0B2</p> <p><b>Ontario</b></p> <p><b>AEC Computers</b> Jann Teng R.R. #7 Providence Line Peterborough, Ontario K9J 6X8</p> <p><b>Agincourt Productions</b> Perren Baker 20 Kinnear Court Richmond, Ontario L4B 1K8</p>	<p><b>Asian Television Network</b> Prikash Nadu 130 Pony Dr. Newmarket, Ontario L3Y7B6</p> <p><b>CFMT - CHL 47</b> Pip Bola 545 Lakeshore Blvd. West Toronto, Ontario M5V 1A3</p> <p><b>CKCO-TV</b> Joe Brenner 864 King Street West Kitchener, Ontario N2G 4E9</p> <p><b>Edcom Multi Media</b> Jeff Howard Production Dept. 1773 Mattawa Ave. Mississauga, Ontario L4X 1K5</p> <p><b>General A/V</b> Neil Watt 6889 Rexwood Road Unit #9 Mississauga, Ontario L4V 1R2</p> <p><b>Humphries Productions</b> Stan Humphries 50 Steeles Ave. W. Unit #23 Milton, Ontario L9T 4W9</p> <p><b>Image Projection</b> John Chyurlia 15 Capella Court Unit 109 Nepean, Ontario K2E 7X1</p> <p><b>MBST Lifetime Prod.</b> 5 DeWitte Court Markham, Ontario L3P 3Y4</p> <p><b>Media Machine</b> Don Atchison 22 O'Meara Street Ottawa, Ontario K1Y 4N6</p> <p><b>Meta Media Productions</b> Andrew Ruhl 90 Yarmouth Street Guelph, Ontario N1H 4G3</p> <p><b>Ontario College of Art</b> George Dougherty 100 McCaul Street Toronto, Ontario M5T 1W1</p> <p><b>Ryerson Poly Technical</b> Brad Fortiner 350 Victoria Street Toronto, Ontario M5B 2K3</p> <p><b>Scarborough Board</b> Alex Maropakis 52 McGriskin Road Scarborough, Ontario M1S 4G5</p> <p><b>Sheridan College</b> Ken Walker 1430 Trafalgar Road Oakville, Ontario L6H 2L1</p>	<p><b>Soft Science Associates Ltd.</b> Eric Harris R.R. #1 Gore's Landing, Ontario KOK 2E0</p> <p><b>St. Clair College</b> Roger Faubert 2000 Talbot Road West Windsor, Ontario N9A 6S4</p> <p><b>University of Toronto</b> Ron Beardon Media Centre 121 St. George Street Toronto, Ontario M5S 1A1</p> <p><b>University of Windsor</b> Tom Fuerth Communications Dept. Windsor, Ontario N9B 3P4</p> <p><b>Video Events</b> John Phillips 6 Winthrow Ave Toronto, Ontario M4K 1C9</p> <p><b>York University</b> Dave Walton Stedman Bldg. 4700 Keele Street Toronto, Ontario M3J 1P3</p> <p><b>Quebec</b></p> <p><b>Concept Videoscope</b> Claude Pdpin 100 bld Antonio Barrette Joliette, Quebec J6E 1E5</p> <p><b>CKSH-TV</b> Marcel Aganier 340 Boul. Industriel Sherbrooke, Quebec J1L 1Z9</p> <p><b>CKTM-TV</b> Trois Rivieres 4141 St. Jean Blvd Trois Rivieres, Quebec G9A 5G3</p> <p><b>Premier Choix TVEC Inc.</b> Chantel Gagnon 2100 Ste - Catherine Quest #800 Montreal, Quebec H3H 2T3</p> <p><b>Projet IMAGE</b> Jose Forest 4565, Chemin de la Reine Marie Montreal, Quebec H3W 1W5</p> <p><b>SportAction Video</b> 2323 Boul. Versant Nord Suite 204 St. Foy, Quebec G1N 4P4</p>	<p><b>Universite du Quebec a Montreal - Denis Vallancourt</b> C.P. 6194, Succ. "A" Montreal, Quebec H3C 4R4</p> <p><b>Saskatchewan</b></p> <p><b>STV - Regina</b> Brian Sather 370 Hoffer Drive Regina, Saskatchewan S4N 7A4</p> <p><b>STV - Saskatoon</b> Len Virog 218 Robin Crescent Saskatoon, Saskatchewan S7L 7C3</p> <p><b>Video One Systems</b> Jim Sax 2318 Avenue C North Saskatoon, Saskatchewan Canada S7L 5X5</p>
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If you are not currently a member of the MII Users Association of America and would like to join, please contact us by phone, fax or mail at:

MII Users Association of America  
c/o GMG International, Inc.  
8580 Cinderbed Road, Suite 1000  
Newington, VA 22122  
Attn: Debbie  
(800) 966-1030, (703) 339-8500  
fax (703) 339-0764

## Monthly Survey Results

*Each month the users association will poll users on specific MII issues and publish the results in the next newsletter. In last months issue we asked questions concerning Panasonic Technical Service and Support. Thank you to all who responded.*

1. Based on your past experience, how would you grade the service and support available for you MII equipment?

Panasonic MII: 31.71% Excellent 24.39% Good 19.51% Fair 17.07% Poor 7.32% N/A

JVC MII: 10% Excellent 10% Good 20% Fair 50% Poor 10% N/A

2. Have you noticed a change in service support for your MII equipment since the institution of the new 1-800 number and new enhanced Panasonic service program at the beginning of the year?

11.76% More Support 49.02% No Change 3.92% Less Support 35.30% N/A

3. Do you feel there is adequate MII tape availability in your geographic area, for quick response requirements?

66.67% Yes 21.57% No 11.76% No Opinion

*We received quite a few comments on these questions, and they will all be addressed at the NAB 92 MII Users Meeting.*

# Panasonic Technical Bulletins

## Listing of Bulletins Available for the AU-660/640

The Association has obtained a set of Panasonic Technical Bulletins. We are in the process of cataloging all of these bulletins. Each month we will run the listing for another MII model until we have covered them all. This month it is the AU-660/640. Copies of the bulletins are available by submitting your written request to the association at:

MII Users Association of America  
c/o GMG International Inc.  
8580 Cinderbed Road, Suite 1000      or Fax (703) 339-0764  
Newington, VA 22122  
Attn: Debbie

Requests must be in writing and must include model number, bulletin number and subject covered. Also include your name and phone number (in case we have questions) and the complete mailing address for sending the copies to you. We will then send your copies out as soon as possible (we can fax them to you if necessary). If you are requesting those bulletins which apply to your machine, you must include the machines serial number.

Please note the following:

*The Panasonic Technical Support Division publishes Technical Bulletins for distribution to users of Panasonic broadcast equipment. Bulletins are distributed to aid in aligning, modifying and in servicing this equipment. The Technical Support Division Assumes no responsibility to pay for modifications, supply parts, exchange new production units for early production units or any obligation to upgrade existing products.*

Bulletin #	Subject	SN
2	Improvement of the Search Indicator LEDs	C8TNA0001
3	Improvement of the Waveform Output Level	C8TNA0001
4	Improvement of the Reference SCH Circuit	C8TNA0001
5	Stabilization of the Y A/D Blanking Level	C8TNA0001
6	Stabilization of the Capetan Phase	C8TNA0001
7	Decrease of Power Consumption	C8TNA0001
8	Improvement of the Video Output Waveform	C8TNA0001
9	Pedestal Clamp Amplifier Malfunction	C8TNA0001
10	Change of the Value of VR6	C8TNA0001
11	Temperature Rise in the Audio Output Transistors	C8TNA0001
12	Change of DIP Switches	C8TNA0001
13	Change of the Variable Inductance VL1	C8TNA0001
14	Video/Audio Beat Noise (also see bulletin no. 11)	C8TNA0001
15	Change of Values of Resistors	D8TNA0053 (for PE), E8TNA0001 (for SE)
16	Improvement of the Y Frequency Characteristics	D8TNA0053 (for PE), E8TNA0001 (for SE)
17	Improvement of the Y/C Timing	D8TNA0053 (for PE), E8TNA0001 (for SE)
18	PB Signal ID Pulse Adjustment Range	D8TNA0053 (for PE), E8TNA0001 (for SE)
19	Video Output Signal Noise	D8TNA0053 (for PE), E8TNA0001 (for SE)
20	Missing Portion of Video Signal	D8TNA0053 (for PE), E8TNA0001 (for SE)
21	Improvement of the Chroma Bandwidth	D8TNA0053 (for PE), E8TNA0001 (for SE)
22	Malfunction of the Reel Motor	D8TNA0053 (for PE), E8TNA0001 (for SE)
23	Video H Shift during Power ON/OFF	D8TNA0053 (for PE), E8TNA0001 (for SE)
24	Removal of Capacitors	D8TNA0053 (for PE), E8TNA0001 (for SE)
25	Standardization of Parts	D8TNA0053 (for PE), E8TNA0001 (for SE)
26	Malfunction of the Audio P.B. Muting Circuit	D8TNA0053 (for PE), E8TNA0001 (for SE)
27	Countermeasure for the Fluctuation of the Y Signal Level	F8TNB0209 (for PE), F8TNB0105 (for SE)
28	Change of Software (P-ROM)	D8TNA0053 (for PE), E8TNA0001 (for SE)
29	Grounding the Rotor (Wiper) of Trimmer VC200	D8TNA0053 (for PE), E8TNA0001 (for SE)
30	Standardization of Search LEDs	D8TNA0053 (for PE), E8TNA0001 (for SE)
31	Unstable Noise Bar in the Search Mode	F8TNB0209 (for PE), F8TNB0105 (for SE)
32	Elimination of Chroma Horizontal Noise	F8TNB0209 (for PE), F8TNB0105 (for SE)
33	Oscillation in the AT Head Amp	F8TNB0209 (for PE), F8TNB0105 (for SE)
34	Improvement of E-E Frequency Characteristics Adjustments	F8TNB0209 (for PE), F8TNB0105 (for SE)
35	Improvement of Capacitor's Specifications	F8TNB0209 (for PE), F8TNB0105 (for SE)
36	Extension of Electrolytic Capacitors Life	F8TNB0209 (for PE), F8TNB0105 (for SE)
37	Elimination of Noise from Video Output Signal	F8TNB0209 (for PE), F8TNB0105 (for SE)
38	Standardization of Packing Case	C8TNA0001
41	Service Manual Correction	H8TNB0299
42	Power Supply Fan Life	F8TNB0209 (for PE), F8TNB0105 (for SE)
43	Chroma Playback Oscillation	G8TNB0258 (for PE), G8TNB0125 (for SE)
44	TBC 1 to Sub 1 Securing Angle Bracket	G8TNB0258 (for PE), G8TNB0125 (for SE)
45	Chroma Shifting during Still Mode	G8TNB0258 (for PE), G8TNB0125 (for SE)
46	Chroma Signal "Cut-off"	G8TNB0258 (for PE), G8TNB0125 (for SE)
47	Parts Changes	H8TNB0371 (for PE), H8TNB0164 (for SE)
48	9-bit A/D Latching Failure	G8TNB0258 (for PE), G8TNB0125 (for SE)
49	IC Standardization	H8TNB0371 (for PE), H8TNB0164 (for SE)
50	Jitter Noise	G8TNB0258 (for PE), G8TNB0125 (for SE)
51	Re-mounting of the VISC Sub P.C. Board	H8TNB0371 (for PE), H8TNB0164 (for SE)
52	PLL Unlock	H8TNB0371 (for PE), H8TNB0164 (for SE)
53	H Shift/Servo Interference	H8TNB0371 (for PE), H8TNB0164 (for SE)
54	Ringing in the Chroma Signal	H8TNB0371 (for PE), H8TNB0164 (for SE)
55	Poor Auto Tracking	I8TNB0373 (for PE), I8TNB0173 (for SE)
56	Improvement of the A/D Converter Circuit	H8TNB0371 (for PE), H8TNB0164 (for SE)
57	WFM LED Mis-operation	H8TNB0371 (for PE), H8TNB0164 (for SE)
58	Noise in the WFM Output	H8TNB0371 (for PE), H8TNB0164 (for SE)
59	Part Number Correction	C8TNA0001 (for PE)
60	Change of the Memory Control Gate Array	F8TNB0209 (for PE), F8TNB0105 (for SE)
61	Service Manual Correction	J8TNB0461 (for PE), J8TNB0202 (for SE)
62	Standardization of Parts	D8TNA0053 (for PE), E8TNA0001 (for SE)
63	Change of IC Socket Part Number	H8TNB0371 (for PE), H8TNB0164 (for SE)
64	Fan Motor Change	I8TNB0373 (for PE), I8TNB0173 (for SE)
65	Service Manual Correction	J8TNB0461 (for PE), J8TNB0202 (for SE)
67	Addition of a New Encoder Sub (3) P. C. Board	D8TNA0053 (for PE), E8TNA0001 (for SE)
68	Introduction of the New Decoder 2 P.C. Board	H8TNB0371 (for PE), H8TNB0164 (for SE)
70	Improvement of Linear Audio Confidence Playback Phase Characteristics	I8TNB0373 (for PE), I8TNB0173 (for SE)
71	Spike Noise on the Chroma (CTCM) Signal	I8TNB0373 (for PE), I8TNB0173 (for SE)
72	Improvement of Picture Instability in the Dub-mode	J8TNB0461 (for PE), J8TNB0202 (for SE)
73	Removal of Set-up in the V-Blanking Period	J8TNB0461 (for PE), J8TNB0202 (for SE)
74	Change of D/A Sub P.C. Board Mounting Method	J8TNB0461 (for PE), J8TNB0202 (for SE)

75	Parts List Correction	J8TNB0461 (for PE), J8TNB0202 (for SE)
76	Addition of a New Sub P.C. Board	J8TNB0461 (for PE), J8TNB0202 (for SE)
77	Service Manual Correction	
78	Prevention of Switching Power Supply Damage	J8TNB0461 (for PE), J8TNB0202 (for SE)
79	Parts List Correction	J8TNB0461 (for PE), J8TNB0202 (for SE)
80	No Chroma Recording	I8TNB0373 (for PE), I8TNB0173 (for SE)
81	Drop-out Noise in "VAR" Mode Picture	J8TNB0461 (for PE), J8TNB0202 (for SE)
82	Improvement of Non-linear Emphasis Circuit	J8TNB0461 (for PE), J8TNB0202 (for SE)
83	Improvement of VISC Circuit	J8TNB0461 (for PE), J8TNB0202 (for SE)
84 (for AU-640 No. 1)	Correction of Chroma Phase Drift	K8TNB0492 (for PE), K8TNB0238 (for SE), K8TNA0001 (for AU-640)
85	Improvement of the 13.5MHz PLL Circuit	K8TNB0492 (for PE), K8TNB0238 (for SE)
86	Improvement of the Sync Generator's PLL Circuit	K8TNB0492 (for PE), K8TNB0238 (for SE)
87	Improvement of Audio CH4 S/N Ratio	K8TNB0492 (for PE), K8TNB0238 (for SE)
88	Parts Standardization	K8TNB0492 (for PE), K8TNB0238 (for SE)
89	Service Manual Correction	
90	Correction of H Sag	L8TNB0500 (for PE), L8TNB0266 (for SE)
91	Addition of Y-H-Blanking Width Adjustment	L8TNB0500 (for PE), L8TNB0266 (for SE)
92 (for AU-640 No. 2)	Correction of P.C. Board Lay Out	L8TNB0266 (for SE), L8TNA0009 (for AU-640)
93	Standardization of Parts	K8TNB0497 (for PE), L8TNB0266 (for SE), L8TNA0009 (for AU-640)
95	Service Manual Correction	
96 (for AU-640 No. 3)	Standardization of P.C. Board	
97	Service Manual Correction	
98 (for AU-640 No. 4)	Malfunction of the Sync Separator Circuit	L8TNB0500 (for PE), A9TNB0298 (for SE), A9TNA0029 (for AU-640)
99 (for AU-640 No. 5)	SW7 Short Prevention	L8TNB0500 (for PE), A9TNB0298 (for SE), A9TNA0029 (for AU-640)
100	Service Manual Correction	
101	EP-ROM Change	B9TNB0504 (for PE), A9TNB0318 (for SE)
102	High Voltage Harness	
103 (for AU-640 No. 6, AU-630 No. 2)	Misoperation of the Sync Separator	B9TNB0528 (for PE), C9TNB0321 (for SE), A9TNA0069 (AU-640), C9TNA0001 (AU-630)
104 (for AU-640 No. 7, AU-630 No. 3)	R/F Interference Via Connectors	B9TNB0528 (for PE), C9TNB0321 (for SE), A9TNA0069 (AU-640), C9TNA0001 (AU-630)
105 (for AU-640 No. 8, AU-630 No. 4)	Service Manual Correction	
106	Service Manual Correction	
107 (for AU-640 No. 9, AU-630 No. 5, AU-620 No. 37)	Service Manual Correction	
108 (for AU-640 No. 10, AU-630 No. 6)	Service Manual Correction	
109 (for AU-640 No. 11, AU-630 No. 8)	Standardization of Parts	D8TNA0033 (for PE), E8TNA0001 (for SE), K8TNA0001 (AU-640), C9TNA0001 (AU-630)
110	Change of the Upper Flange of the P10 Post	First Production
111 (for AU-640 No. 12, AU-630 No. 9)	Standardization of Parts	First Production
112 (for AU-640 No. 13)	Standardization of Loading Unit	F8TNB0209 (for PE), F8TNB0105 (for SE), K8TNA0001 (for AU-640)
113 (for AU-640 No. 14)	Change of Fan Motor Installation	G8TNB0258 (for PE), G8TNB0125 (for SE), K8TNA0001 (for AU-640)
114 (for AU-640 No. 15)	Standardization of Parts	G8TNB0258 (for PE), G8TNB0125 (for SE), K8TNA0001 (for AU-640)
115 (for AU-640 No. 16)	Supply/Take-up Brake Solenoids	H8TNB0371 (for PE), H8TNB0164 (for SE), K8TNA0001 (for AU-640)
116 (for AU-640 No. 17)	Change of Screw	H8TNB0371 (for PE), H8TNB0164 (for SE), K8TNA0001 (for AU-640)
117 (for AU-640 No. 18)	New Power Supply P.C. Board	B9TNB0504 (for PE), A9TNB0318 (for SE), A9TNA0040 (for AU-640)
118 (for AU-640 No. 20)	Improvement of Noise in the TC Output Signal	D9TNA0537 (for PE), C9TNB0321 (for SE), A9TNA0069 (for AU-640)
119 (for AU-640 No. 21)	Change of BS SC Phase Adjustment VR	D9TNA0537 (for PE), C9TNB0321 (for SE), A9TNA0069 (for AU-640)
120 (for AU-640 No. 22, AU-630 No. 14)	Pedestal Level Fluctuation	D9TNA0537 (for PE), C9TNB0321 (for SE), A9TNA0069 (AU-640), C9TNA0001 (AU-630)
121 (for AU-640 No. 23)	Picture Break Up in the E-E Mode	D9TNA0537 (for PE), C9TNB0321 (for SE), A9TNA0069 (for AU-640)
122	Service Manual Correction	
124	Part Number Standardization	First Production
125 (for AU-640 No. 24)	Service Manual Correction	
126 (for AU-640 No. 25)	Change of P.C. Board Holder Angle	H8TNB0299 (for PE), H8TNB0164 (for SE), K8TNA0001 (for AU-640)
127 (for AU-640 No. 26)	Standardization of Kick Lever	H8TNB0321 (for PE), K8TNB0164 (for SE), K8TNA0001 (for AU-640)
128 (for AU-640 No. 27)	Change of Sub Loading Unit	I8TNB0373 (for PE), I8TNB0173 (for SE), K8TNA0001 (for AU-640)
129 (for AU-640 No. 28)	Change of the Upper Flanges of the P8, P9, P12 Posts	H8TNB0371 (for PE), H8TNB0164 (for SE), K8TNA0001 (for AU-640)
130 (for AU-640 No. 29)	Standardization of Guide Frame (S)	H8TNB0371 (for PE), H8TNB0164 (for SE), K8TNA0001 (for AU-640)
132 (for AU-640 No. 31)	Change of Circuit Breakers	H8TNB0299 (for PE), H8TNB0164 (for SE), K8TNA0001 (for AU-640)
133 (for AU-640 No. 32)	Service Manual Correction	
134 (for AU-640 No. 33)	Standardization of Worm Unit	I8TNB0373 (for PE), I8TNB0173 (for SE), K8TNA0001 (for AU-640)
135 (for AU-640 No. 34)	Standardization of Parts	I8TNB0373 (for PE), I8TNB0173 (for SE), K8TNA0001 (for AU-640)
136 (for AU-640 No. 35)	Standardization of Parts	I8TNB0373 (for PE), I8TNB0173 (for SE), K8TNA0001 (for AU-640)
137 (for AU-640 No. 36)	Standardization of Parts	I8TNB0373 (for PE), I8TNB0173 (for SE), K8TNA0001 (for AU-640)
138	Electro Magnetic Interference (EMI) from the AC Line	
139 (for AU-640 No. 37)	Service Manual Correction	
140 (for AU-640 No. 38)	Standardization of Press Levers	J8TNB0461 (for PE), J8TNB0202 (for SE), K8TNA0001 (for AU-640)
141 (for AU-640 No. 39)	Addition of Washers	J8TNB0461 (for PE), J8TNB0202 (for SE), K8TNA0001 (for AU-640)
142 (for AU-640 No. 40)	Service Manual Correction	
144 (for AU-640 No. 41)	Standardization of Parts	K8TNB0492 (for PE), K8TNB0238 (for SE), K8TNA0001 (for AU-640)
145 (for AU-640 No. 43)	Change of Flat Cable for Cassette Compartment	K8TNB0497 (for PE), L8TNB0266 (for SE), L8TNA0009 (for AU-640)
147	Mechanical Adjustment Correction	
148 (for AU-640 No. 44)	Change of Turn Roller Guide	K8TNB0497 (for PE), L8TNB0266 (for SE), L8TNA0009 (for AU-640)
149 (for AU-640 No. 45)	Change of Screws	K8TNB0497 (for PE), L8TNB0266 (for SE), L8TNA0009 (for AU-640)
150 (for AU-640 No. 46)	Change of Screws	L8TNB0500 (for PE), A9TNB0298 (for SE), A9TNA0029 (for AU-640)
151 (for AU-640 No. 47)	Removal of P.C. Board Guide	B9TNB0504 (for PE), A9TNB0318 (for SE), A9TNA0040 (for AU-640)
152 (for AU-640 No. 48)	Service Manual Correction	B9TNB0504 (for PE), A9TNB0318 (for SE), A9TNA0040 (for AU-640)
153 (for AU-640 No. 49)	Change of Main Shaft & Gears	K8TNB0492 (for PE), K8TNB0238 (for SE), K8TNA0001 (for AU-640)
154 (for AU-640 No. 50)	Improvement of Cassette Compartment Reliability	B9TNB0504 (for PE), A9TNB0318 (for SE), A9TNA0040 (for AU-640)
155 (for AU-640 No. 51)	Change of Supply Reel Motor	B9TNB0528 (for PE), C9TNB0321 (for SE), A9TNA0069 (for AU-640)
156 (for AU-640 No. 53)	Adjustment Procedure for AU-660/640	
157 (for AU-640 No. 52)	Service Manual Correction	
158 (for AU-640 No. 54)	Change of IC	C9TNB0321 (for SE), A9TNA0069 (AU-640)
159 (for AU-640 No. 55)	Change of IC	J9TNB0538 (for PE)
160 (for AU-640 No. 56)	Improvement of Drop Out Compensation	J9TNB0538 (for PE)
161 (for AU-640 No. 57)	Improvement of D.O.C. Speed	J9TNB0538 (for PE)
162 (for AU-640 No. 58)	Video Phase Change	J9TNB0538 (for PE)
163	Introduction of New Encoder P.C. Board	J9TNB0538 (for PE)
164	Service Manual Correction	
165 (for AU-640 No. 59)	Deletion of Unused Test Points	J9TNB0538 (for PE)
166 (for AU-620 No. 125)	Introduction of New Servo P.C. Board	J9TNB0538 (for PE), J9TNA0025 (for AU-620)
168 (for AU-640 No. 60)	Improvement of SCH Adjustment Range	J9TNB0538 (for PE)
169	Prevention of WFM INPUT Oscillation	J9TNB0538 (for PE)
170 (for AU-640 No. 61)	Improvement of D.O.C. Circuit	J9TNB0538 (for PE)
171	Improvement of FG Amplifier Circuit	D9TNB0537 (for PE), C9TNB0321 (for SE)
172 (for AU-640 No. 62)	Improvement of FIFO Circuit	J9TNB0538 (for PE)
173 (for AU-640 No. 63)	Non-Linear De-emphasis Circuit Improvement	J9TNB0538 (for PE)
174 (for AU-640 No. 64)	Improvement of Power Supply Beat	J9TNB0538 (for PE)
175 (for AU-640 No. 65)	Improvement of Noise at T/C Output	
176	Improvement of Beat Noise in the Playback Picture	J9TNB0538 (for PE)
179 (for AU-640 No. 68)	Reduction in the Luminance Y Playback Picture	J9TNB0538 (for PE)
183	Standardization of Character Display Level	J9TNB0538 (for PE)
184 (for AU-640 No. 71)	Change of front loading P.C. Board	H8TNB0371 (for PE), H8TNB0164 (for SE), first Production (AU-640)
190 (for AU-640 No. 77)	Adjustment Procedure for AU-660/640	

# Monthly Survey Questions

Please respond, it helps all of us! Thank you!

*Each month the users association will poll users on specific MII issues and publish the results in the next newsletter. Currently, Panasonic is considering the production of MII service training videos at their Secaucus, New Jersey facility. This month's survey questions concern that issue.*

1. Do you feel there is a need for MII training videos on such service subjects as:

Head Cleaning	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Head Replacement	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Alignment	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Preventive Maintenance	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Trouble shooting	<input type="checkbox"/> Yes	<input type="checkbox"/> No
others		
(please comment)	_____	

2. If a series of such videos were produced, (for instance 10 one-hour segments) and considering that economic feasibility would be a major in determining if tapes can be produced cost effectively, what would you be willing to pay for VHS copies of the 10 tape set?

\$0 ☐ \$100 ☐ \$500 ☐ \$1,000 ☐ \$2,500 ☐

Comments \_\_\_\_\_

3. Do you feel effective distribution of those videos to MII users would result in more MII maintenance being performed at MII facilities and hence less of a need to send out the units to the Panasonic approved service centers?

Yes ☐ No ☐

Comments \_\_\_\_\_

We would sincerely appreciate it if you respond to these questions, either by mail, phone or fax as soon as possible. Thank you for your input. 24 hour fax line (703) 339-0764 Phone (800) 966-1030 or (703) 339-8500 or Mail to:

MII Users Association of America  
c/o GMG International, Inc.  
8580 Cinderbed Rd., Suite 1000  
Newington, VA 22122  
ATTN: Debbie

*Optional:*

Name \_\_\_\_\_

Company \_\_\_\_\_

Phone \_\_\_\_\_